

GRIP

**BEYOND
LIMITS**



TILE AND STONE ADHESIVES | GROUTS | WATERPROOFING SOLUTIONS

About us

BUILDING TRUST THROUGH INNOVATION

Since 2013, PowerGrace has been delivering innovative construction chemical solutions that enhance durability, performance, and aesthetics across residential, commercial, and industrial projects.

With a strong presence across India, we offer a comprehensive range of construction solutions. From tile grouts and waterproofing systems to wall care products, we remain a reliable manufacturer for architects, contractors, dealers, and homeowners.

Our commitment to quality innovation, and customer satisfaction has made PowerGrace a preferred partner in modern construction.



MANUFACTURING EXCELLENCE

Advanced Facilities, Consistent Quality.

13+

Years of
Excellence

5+

Manufacturing
Facility

400+

Dealer
Network

1000+

Projects
completed successfully

PAN INDIA

Distribution
Presence

100+

Professional Team
Members



STRONGER THAN EVERY CHALLENGE



From the desk of
Associate Director



Excellence is not defined by words; it is experienced through quality, performance, and trust. At PowerGrace, we deliver this commitment through every product and service we offer.

— Mr. Deepak Patel

1,000+ Projects delivered
with *Excellence*

CORE VALUES

-  Integrity & Transparency
-  Respect & Recognition
-  Commitment & Accountability
-  Excellence You Can Trust

OUR MANUFACTURING FOOTPRINT

Quality is at the core of everything we do. With over five manufacturing units in **Dalpur, Morbi, Vapi, Alwar, and Karad**, and a strong focus on research and development, we ensure every product meets the highest of standards.

VISION

To be a global leader in the research and development, manufacturing, and delivery of high-quality products and value-added solutions for the construction chemicals industry.

MISSION

As one team, PowerGrace is committed to delivering superior products and services that enhance our customers' lives. By earning their trust and loyalty, we strive for leadership in sales, profitability, and value creation—driving sustainable growth and prosperity for our employees, shareholders, customers, and the company.

Karad Plant



Vapi Plant



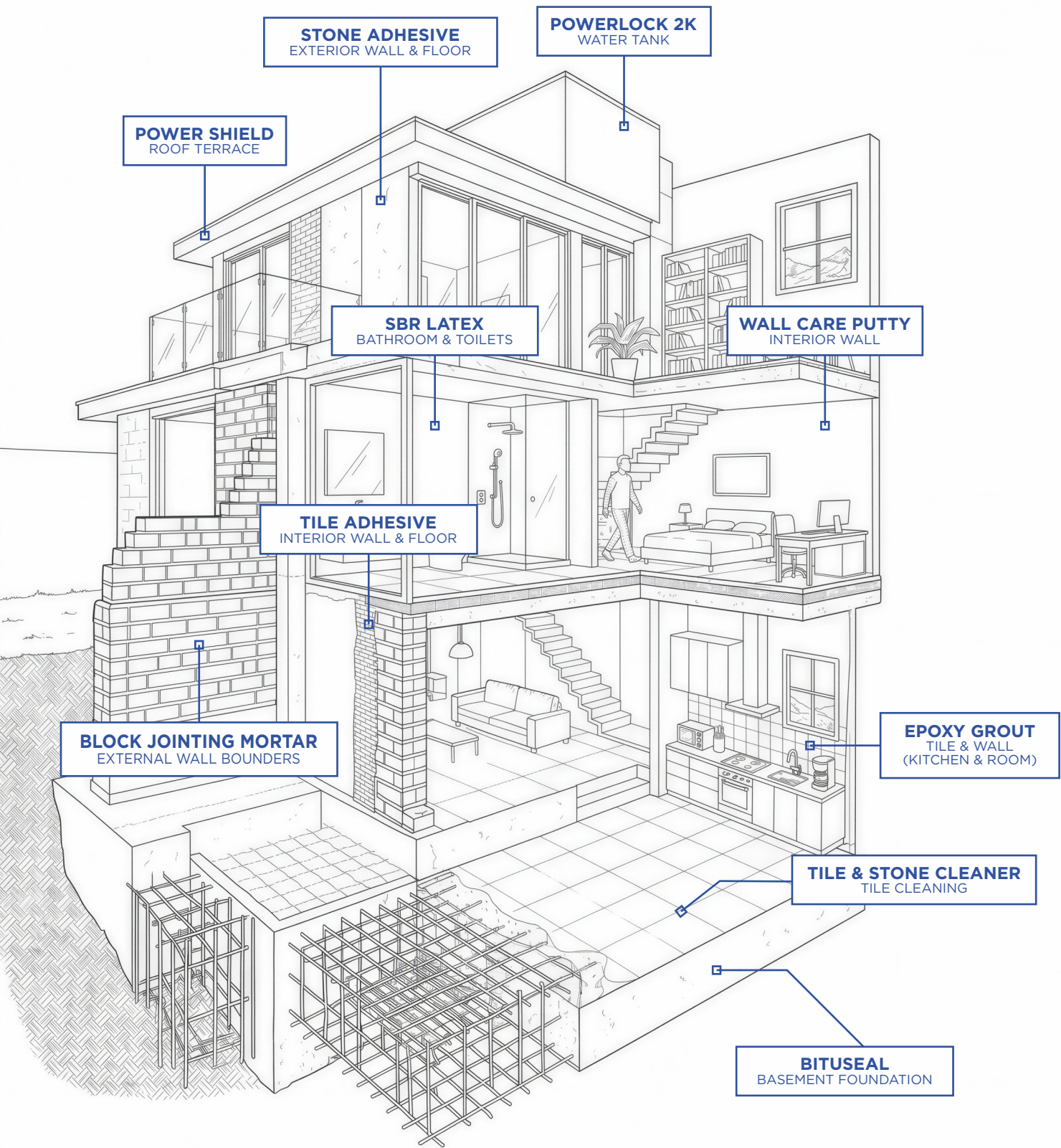
Morbi Plant



Alwar Plant



FROM FOUNDATION TO FINISH.
POWERGRACE HAS IT ALL.



Committed to
Green Building
Excellence

As an earnest member of the Indian Green Building Council (IGBC), PowerGrace Industries is dedicated to promoting environmentally responsible practices across all manufacturing stages. Our products are developed in alignment with Green Building principles, minimizing environmental impact, supporting resource efficiency, and enhancing indoor environmental quality. This commitment is reflected not just in our operations, but in every solution we offer.



- COMPLETE SOLUTION
- ENGINEERED FOR EVERY LAYER
- TRUSTED BY PROFESSIONALS
- PREMIUM QUALITY PERFORMANCE
- BUILT FOR LASTING DURABILITY

The Complete

Solution

For Building Construction Chemicals



INDEX



Tile And Stone Adhesives	10-25
Block Joint Mortar	26
Stone Grip (Anti-Slip Treatment)	27
Wall Care Putty	28-29
Power Grout	30-31
Epoxy Grout	32-33
Waterproofing SBR Latex	34-35
Powerlock 2K Waterproofing	36-37
Power Shield – Waterproofing Membrane	38
Bituseal – Protective Coating	39
Power Tile & Stone Cleaner	40
Tile Spacers	41
Tile Leveling Spacers	42
Tile Adhesive Recommendation Guide	43-45
Application Procedure for Tile Adhesive & Grouts	46
Application Procedure for Epoxy Grout & Waterproofing	47

ADHESIVES

PG 1100 S2 (G/W)

DESCRIPTION

PG 1100 S2 is a high-performance and highly flexible polymer fiber-modified cementitious tile adhesive with reduced slip and extended open time. It is designed for fixing any type of tiles and stones on absorbent substrates. Ideal for facades, heated floors, swimming pools, and industrial flooring. Suitable for indoor and outdoor use, with application thickness up to 15mm.

AREAS OF APPLICATION

- Walls and floors
- Balconies, bathrooms, kitchens, terraces, and other wet areas Wet areas, Storage areas.
- Storage and utility areas
- Commercial and residential environments
- Heated floors, including water-based and electric systems
- High-demand areas such as swimming pools, industrial floors, and heavy-traffic areas
- Facades and drywall board substrates



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Highly deformable: Accommodates substrate movement.
- ✓ Reduced vertical slip: Improves workability.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time: Ensures easier application.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Substrates must be sound, clean, and free of dust, oil, grease, paint, or loose matter.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Concrete bases must be fully cured for at least 28 days.



NET WEIGHT: 20kg

STANDARDS & COMPLIANCES



Type 4T S2 as per
IS 15477 : 2019

C2 TE S2 as per
EN 12004:1 : 2017

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey/White Fine Powder
Bulk Density	1.25 - 1.40 kg/L
Grain Size	≤ 0.6 mm
Water Demand	30 - 35 %
Pot Life	4 - 5 hours
Adhesive Thickness	3 - 10 mm
Application Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.60 to 2.10 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.60 to 2.30 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.70 to 2.00 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.40 N/mm ²
Open Time @ 30 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	0.60 to 0.80 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.30 to 0.40 mm
Transverse Deformation (S2)	EN 12004-2:2017, 8.7	≥ 5 mm	5.5 to 6.5 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.50 N/mm ²	1.60 to 2.10 N/mm ²
Tensile Adhesion Strength - Wet Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.50 N/mm ²	1.70 to 2.00 N/mm ²
Shear Adhesion Strength - Wet Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.20 N/mm ²
Shear Adhesion Strength - Heat Aging Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.40 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	35 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	40 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5mm	0.30 to 0.40 mm
Deformability (S2)	IS 15477:2019, Annex F (Clause 5.6)	≥ 5 mm	5.5 to 6.5 mm

APPLICATION INFORMATION (MIXING)

- Mix 20 kg PG-1100 with 6-7 liters of clean water until smooth and lump-free.
- Use a mechanical mixer for optimal results.
- Allow the mix to slake for 5-7 minutes.
- Prepare only the quantity that can be used within its pot life.

PRECAUTIONS

- Always add powder to water, never water to powder.
- Do not add excess water beyond the recommended ratio.
- Do not use on damp or improperly dried surfaces.
- Not recommended for tiling directly on paint, wood, or metal.

COVERAGE

25-30 sq. ft. per 20 kg bag at an application thickness of 3-6 mm.
Coverage may vary depending on the notch trowel size, substrate condition, and site conditions.

PACKAGING

20kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing.
Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES

PG 1000 (Eco)

DESCRIPTION

PG 1000 Eco is a two component, high performance, universal, elastomeric polyurethane resin adhesive used for high adhesion fixing on deformable surfaces with no vertical slip. It is particularly suitable for natural stone and marble sensitive to dampness and on absorbent and non-absorbent substrates. Interior and exterior use.

AREAS OF APPLICATION

- > Walls and floors
- > Balconies, bathrooms, kitchens, terraces, and storage areas
- > Residential and commercial environments
- > Heated floors, including water-based and electric heating systems
- > High-demand areas, such as swimming pools, industrial environments, and heavy-traffic floors
- > Facades and drywall board substrates
- > Resin-based engineered stone surfaces



BENEFITS & ADVANTAGES

- ✓ Combines high adhesion strength with superior flexibility and deformability.
- ✓ Pre-measured two-component system ensures effortless mixing and error-free application.
- ✓ Engineered specifically for large-format, ultra-thin, and resin-based stone slabs.
- ✓ Protects moisture-sensitive marble and natural stone from water staining.
- ✓ Versatile formula bonds reliably to non-traditional surfaces like metal, wood, and fiberglass.
- ✓ Built to withstand heated subfloors, severe thermal shock, and freeze-thaw cycles.

SURFACE PREPARATION

- ✓ Ensure the base is solid, dry, and clean of all dust, oil, grease, or loose debris.
- ✓ Apply only on fully cured, structurally stable, and crack-free surfaces.
- ✓ Flatten uneven patches using an appropriate smoothing or leveling product.

STANDARDS & COMPLIANCES

Type 5 as per
IS 15477 : 2019

R2 TE as per
EN 12004:1 : 2017



NET WEIGHT: 1kg, 4kg

TECHNICAL INFORMATION

Technical Parameters	Specifications
Appearance	Part A : White Thick Paste, Part B: White Thick Paste
Mix Ratio By Weight	80 : 20 (Part A : Part B)
Mix Density	Approx. 1.65 g/cc
Pot Life / Workable Time @ 250°C	60 minutes
Initial Setting Time	6 hours
Final Setting Time	8 hours
Adhesive Thickness	≤ 5 mm
Application Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 12 hours
Ready For Use	7 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Initial Shear Adhesion Strength	EN 12004-2:2017, 8.5	≥ 2.0 N/mm ²	> 3.5 N/mm ²
Shear Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.5	≥ 2.0 N/mm ²	> 3.5 N/mm ²
Shear Adhesion Strength, After Thermal Shock	EN 12004-2:2017, 8.5	≥ 2.0 N/mm ²	> 3.2 N/mm ²
Open Time @ 30 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	> 0.75 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.20 to 0.40 mm
Transverse Deformation (S2)	EN 12004-2:2017, 8.7	≥ 5 mm	> 30 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 2.0 N/mm ²	2.2 to 3.5 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 6.0 N/mm ²	6.5 to 8.5 N/mm ²
Shear Adhesion Strength - Heat Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 3.00 N/mm ²	3.5 to 4.5 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	As per Mftr.	60 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	As per Mftr.	60 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5mm	0.20 to 0.40 mm
Deformability (S2)	IS 15477:2019, Annex F (Clause 5.6)	≥ 5 mm	Highly deformable

APPLICATION INFORMATION (MIXING)

- > Pour Part-B into the bucket containing Part-A and blend thoroughly from the bottom up using a low-RPM agitator.
- > Strictly maintain the pre-set 10:1 mixing ratio between the components.
- > Prepare only the required quantity that can be applied comfortably within the product's pot life.

PRECAUTIONS

- > Always pour Part-B (Hardener) directly into Part-A (Resin) - never the reverse.
- > Maintain the precise 10:1 mixing ratio without alteration.
- > Avoid applying on damp surfaces or subfloors subject to rising moisture.
- > Ensure all application substrates are completely dry prior to installation.
- > Account for varying workability times based on ambient temperature and tile condition.

COVERAGE

Approximately 1.60 kg/m² per mm of bed thickness.
Note: For maximum coverage, ensure surfaces are clean, smooth, plumb, level, defect-free, and free from undulations.

PACKAGING

1kg: Part A - 800g | Part B - 200g, 4kg: Part A - 3.2kg | Part B - 0.8kg

STORAGE

PG 1000 ECO has a shelf life of 12 months when stored in normal dry conditions.

TECHNICAL BASE

All technical data are based on laboratory tests. Actual values may vary due to conditions beyond our control.

HEALTH AND SAFETY

For safe handling, storage, and disposal of chemical products, refer to the latest MSDS/SDS for physical, ecological, toxicological, and other safety-related information.

ADHESIVES

PG 800 (G/W)

DESCRIPTION

PG 800 is a highly polymer-modified, flexible, thinset adhesive suitable for all types of large-format tiles, glass mosaics, full body slabs, granite, Italian marble, and all types of natural stones. It can be applied on a variety of substrates for both vertical and horizontal fixing, indoors and outdoors.

AREAS OF APPLICATION

- > Walls and floors
- > Balconies, bathrooms, kitchens, terraces, and other wet areas
- > Storage and utility areas
- > Commercial and residential environments
- > Heated floors, including water-based and electric systems
- > High-demand areas such as swimming pools, industrial floors, and heavy-traffic areas
- > Facades and drywall board substrates



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Deformable with reduced vertical slip.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Ensure the surface is sound, clean, and free from dust, grease, oil, loose materials, paint, etc.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Ensure the substrate is fully cured for at least 28 days before application.

STANDARDS & COMPLIANCES



Type 4T S1 as per
IS 15477 : 2019

C2 TE S1 as per
EN 12004:1 : 2017

NET QUANTITY: 20kg



TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey / White Fine Powder
Bulk Density	1.25 - 1.40 kg/L
Grain Size	≤ 0.6 mm
Water Demand	30 - 35 %
Pot Life	4 - 5 hours
Adhesive Thickness	3 - 10 mm
Appication Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.55 to 1.95 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.20 to 1.40 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Open Time @ 30 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	0.60 to 0.80 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.30 to 0.40 mm
Transverse Deformation (S1)	EN 12004-2:2017, 8.7	> 2.5 & < 5 mm	3.0 to 4.5 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.55 to 1.95 N/mm ²
Tensile Adhesion Strength - Wet Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.50 N/mm ²	1.65 to 1.90 N/mm ²
Shear Adhesion Strength - Wet Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.20 N/mm ²
Shear Adhesion Strength - Heat Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.30 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	35 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	40 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5mm	0.20 to 0.40 mm
Deformability (S1)	IS 15477:2019, Annex F (Clause 5.6)	> 2.5 & < 5 mm	3.0 to 4.5 mm

APPLICATION INFORMATION (MIXING)

- > Mix 20 kg PG-800 with 6-7 liters of clean water until smooth and lump-free.
- > Use a mechanical mixer for optimal results.
- > Allow the mix to slake for 5-7 minutes.
- > Prepare only the quantity that can be used within its pot life.

PRECAUTIONS

- > Always add powder to water, never water to powder
- > Do not add excess water beyond the recommended ratio.
- > Do not use on damp or improperly dried surfaces.
- > Not recommended for tiling directly on paint, wood, metal, or drywall.

COVERAGE

25-30 sq. ft. per 20kg bag at 3-6 mm thickness. Coverage may vary depending on trowel notch size and site conditions.

PACKAGING

20kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data are based on laboratory tests.
Actual values may vary due to conditions beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES PG 600 (G/W)

DESCRIPTION

PG 600 (G/W) is a high-performance cementitious and high polymer content adhesive with no vertical slip and extended open time. Designed for fixing large format vitrified tiles, 15mm full body tiles, glass mosaics, Italian marble, Granite and natural stone. Suitable for residential, commercial, and industrial wet and dry areas, with application thickness up to 10mm.

AREAS OF APPLICATION

- > Walls and floors
- > Balconies, bathrooms, kitchens, terraces, and other wet areas
- > Storage and utility areas
- > Heated floors, including water-based and electric systems
- > High-demand areas such as swimming pools, industrial floors, and heavy-traffic areas
- > Facades and drywall board substrates



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Highly deformable: Accommodates substrate movement.
- ✓ Reduced vertical slip: Improves workability.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time: Ensures easier application.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Substrates must be sound, clean, and free of dust, oil, grease, paint, or loose matter.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Concrete bases must be fully cured for at least 28 days.



NET QUANTITY: 20kg & 40kg

STANDARDS & COMPLIANCES



Type 3T S1 as per
IS 15477 : 2019

C2 TE S1 as per
EN 12004:1 : 2017

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey / White Fine Powder
Bulk Density	1.30 - 1.50 kg/L
Grain Size	≤ 0.6 mm
Water Demand	25 - 30 %
Pot Life	3 - 4 hours
Adhesive Thickness	3 - 10 mm
Appication Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.50 to 1.80 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.20 to 1.40 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Open Time @ 30 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	0.65 to 0.75 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.30 to 0.40 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.50 to 1.80 N/mm ²
Tensile Adhesion Strength - Wet Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.50 N/mm ²	1.60 to 1.80 N/mm ²
Shear Adhesion Strength - Wet Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.20 N/mm ²
Shear Adhesion Strength - Heat Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.30 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	35 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	40 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5 mm	0.30 to 0.40 mm
Deformability (S1)	IS 15477:2019, Annex F (Clause 5.6)	> 2.5 & < 5 mm	2.6 to 3.5 mm

APPLICATION INFORMATION (MIXING)

- > Mix 20kg PG-600 (Grey/White) with 5-6 L of clean water.
- > Mix mechanically until smooth and lump-free.
- > Allow to slake for 5-7 minutes, then remix briefly.
- > Mix only the quantity you can use within the specified pot life.

PRECAUTIONS

- > Always add powder to water, never water to powder.
- > Do not add excess water beyond the recommended ratio.
- > Do not use on damp or improperly dried surfaces.
- > Not recommended for tiling directly on paint, wood, or metal.

COVERAGE

25-30 sq. ft. per 20kg bag at 3-6 mm thickness. Coverage may vary with trowel notch size and site conditions.

PACKAGING

20kg, 40kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing. Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES

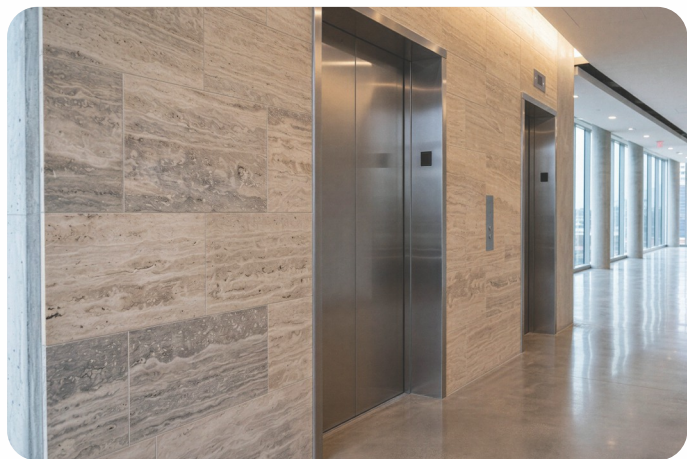
PG 500 (G/W)

DESCRIPTION

PG 500 (G/W) is a high performance, high strength polymer modified, Cementitious, normal setting, self-curing, floor and wall tile adhesive. Typically used for all type of full body slab tiles, vitrified tiles, glass mosaic tiles, porcelain tiles, Granite and natural stone. It is recommended for internal & external floor/wall.

AREAS OF APPLICATION

- > Tiles with apparent porosity <3%.
- > Cement plaster, concrete, and cement screeds, including wet and submerged areas.
- > Tile-on-tile applications.
- > Heated floors (water and electric systems).
- > High-demand areas such as swimming pools, industrial and heavy-traffic floors.
- > Facades, when installed over drywall substrates.



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Highly deformable: Accommodates substrate movement.
- ✓ Reduced vertical slip: Improves workability.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time: Ensures easier application.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Substrates must be sound, clean, and free of dust, oil, grease, paint, or loose matter.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Concrete bases must be fully cured for at least 28 days.

NET QUANTITY: 20kg & 40kg

STANDARDS & COMPLIANCES



Type 3T as per
IS 15477 : 2019

C2 TE as per
EN 12004:1 : 2017

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey / White Fine Powder
Bulk Density	1.30 - 1.50 kg/L
Grain Size	≤ 0.6 mm
Water Demand	25 - 30 %
Pot Life	3 - 4 hours
Adhesive Thickness	3 - 10 mm
Appication Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.50 to 1.80 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.20 to 1.40 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Open Time @ 30 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	0.65 to 0.75 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.30 to 0.40 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.50 to 1.80 N/mm ²
Tensile Adhesion Strength - Wet Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.50 N/mm ²	1.60 to 1.80 N/mm ²
Shear Adhesion Strength - Wet Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.20 N/mm ²
Shear Adhesion Strength - Heat Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.30 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	35 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	40 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5 mm	0.30 to 0.40 mm

APPLICATION INFORMATION (MIXING)

- > Mix 20kg PG-500 (Grey/White) with 5–6 L of clean water.
- > Mix mechanically until you achieve a smooth, lump-free consistency
- > Allow to slake for 5–7 minutes, then remix briefly.
- > Mix only the quantity you can use within the specified pot life.

PRECAUTIONS

- > Always add powder to water, never water to powder.
- > Do not add excess water beyond the recommended ratio.
- > Do not use on damp or improperly dried surfaces.
- > Not recommended for tiling directly on paint, wood, or metal.

COVERAGE

25–30 sq. ft. per 20kg bag at 3–6 mm thickness. Coverage may vary with trowel notch size and site conditions.

PACKAGING

20kg, 40kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing. Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES PG 400 (G/W)

DESCRIPTION

PG 400 is an eco-friendly, ready-to-use, grey and white, cement-based non-shrink and polymer modified self-curing tile adhesive. It provides strong adhesion for fixing ceramic tiles, vitrified tiles, glass mosaics, Granite and natural stone on walls and floors, with proper back-buttering. Ideal for kitchens, bathrooms and swimming pools, and rehabilitation work.

AREAS OF APPLICATION

- Tiles with apparent porosity <3%.
- Fixing Ceramic, vitrified tiles, Glass Mosaic, Natural stone for internal walls and floors.
- Tile-on-tile applications.



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Highly deformable: Accommodates substrate movement.
- ✓ Reduced vertical slip: Improves workability.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time: Ensures easier application.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Substrates must be sound, clean, and free of dust, oil, grease, paint, or loose matter.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Concrete bases must be fully cured for at least 28 days.

NET QUANTITY: 20kg & 40kg

STANDARDS & COMPLIANCES



Type 2T as per
IS 15477 : 2019

C2 TE as per
EN 12004:1 : 2017

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey / White Fine Powder
Bulk Density	1.40 - 1.50 kg/L
Grain Size	≤ 0.6 mm
Water Demand	25 - 30 %
Pot Life	3 - 4 hours
Adhesive Thickness	3 - 10 mm
Appication Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.20 to 1.40 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.00 to 1.20 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.20 to 1.40 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.00 to 1.20 N/mm ²
Open Time @ 30 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	0.55 to 0.65 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.25 to 0.45 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.25 to 1.45 N/mm ²
Tensile Adhesion Strength - Wet Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.00 to 1.20 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.25 N/mm ²	1.30 to 1.40 N/mm ²
Shear Adhesion Strength - Wet Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.00 to 1.20 N/mm ²
Shear Adhesion Strength - Heat Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.30 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	30 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	35 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5 mm	0.25 to 0.45 mm

APPLICATION INFORMATION (MIXING)

- Mix one 20kg bag of PG-400 (Grey/White) with 5-6 liters of clean water, depending on the desired consistency.
- Use a mechanical mixer to achieve a homogeneous, lump-free mixture and optimum performance.
- Allow the mixture to slake for 5-7 minutes.
- Remix briefly before application. Do not add additional water after slaking.
- Prepare only the quantity you can use within the specified pot life.

PRECAUTIONS

- Always add powder to water, never water to powder.
- Do not add excess water beyond the recommended ratio.
- Do not use on damp or improperly dried surfaces.
- Not recommended for tiling directly on paint, wood, or metal.

COVERAGE

25-30 sq. ft. per 20 kg bag at an application thickness of 3-6 mm.
Coverage may vary depending on the notch trowel size, substrate condition, and site conditions.

PACKAGING

20kg, 40kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing.
Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES

PG 250 (G/W)

DESCRIPTION

PG 250 is an eco-friendly, ready-to-use, grey and white, cement-based non-shrink & polymer-modified, self-curing tile adhesive with good adhesion strength for fixing tiles on floors and walls. It is suitable for 600x600mm & 600x1200mm tiles kitchen and bathroom walls and 800x1600mm on floor, all with back buttering, maintaining a good adhesive thickness of 12mm.

AREAS OF APPLICATION

- > Tiles with apparent porosity <3%.
- > Fixing Ceramic, vitrified tiles, Glass Mosaic, Natural stone for internal walls and floors.
- > Tile-on-tile applications.



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Highly deformable: Accommodates substrate movement.
- ✓ Reduced vertical slip: Improves workability.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time: Ensures easier application.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Substrates must be sound, clean, and free of dust, oil, grease, paint, or loose matter.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Concrete bases must be fully cured for at least 28 days.

NET QUANTITY: 20kg & 40kg

STANDARDS & COMPLIANCES



Type 2T as per
IS 15477 : 2019

C2 T as per
EN 12004:1 : 2017

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey / White Fine Powder
Bulk Density	1.40 - 1.50 kg/L
Grain Size	≤ 0.6 mm
Water Demand	25 - 30 %
Pot Life	3 - 4 hours
Adhesive Thickness	3 - 10 mm
Appication Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.40 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.00 to 1.20 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.10 to 1.40 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 1.0 N/mm ²	1.00 to 1.20 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.25 to 0.40 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.10 to 1.30 N/mm ²
Tensile Adhesion Strength - Wet Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 1.0 N/mm ²	1.00 to 1.20 N/mm ²
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.25 N/mm ²	1.30 to 1.40 N/mm ²
Shear Adhesion Strength - Wet Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.00 to 1.20 N/mm ²
Shear Adhesion Strength - Heat Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00 N/mm ²	1.10 to 1.30 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	25 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	30 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5 mm	0.25 to 0.40 mm

APPLICATION INFORMATION (MIXING)

- Mix one 20kg bag of PG-250 with 5-6 liters of clean water, depending on the desired consistency.
- Use a mechanical mixer to achieve a homogeneous, lump-free mixture and optimum performance.
- Allow the mixture to slake for 5-7 minutes.
- Remix briefly before application. Do not add additional water after slaking.
- Prepare only the quantity you can use within the specified pot life.

PRECAUTIONS

- Always add powder to water, never water to powder.
- Do not add excess water beyond the recommended ratio.
- Do not use on damp or improperly dried surfaces.
- Not recommended for tiling directly on paint, wood, or metal.

COVERAGE

25-30 sq. ft. per 20 kg bag at an application thickness of 3-6 mm.
Coverage may vary depending on the notch trowel size, substrate condition, and site conditions.

PACKAGING

20kg, 40kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing.
Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES

PG 150 (G)

DESCRIPTION

PG 150 is a premium grey cement-based adhesive designed for indoor tile applications. Its polymer-modified formula ensures a strong, long-lasting bond across multiple surfaces. The self-curing property prevents tile cracking and delivers a smooth finish for reliable tile installation.

AREAS OF APPLICATION

- Tiles with apparent porosity >3%.
- Ceramic and mosaic tiles for walls, and vitrified tiles for floors.
- Indoor applications.



BENEFITS & ADVANTAGES

- ✓ Ready to use: Add water to achieve the desired consistency.
- ✓ Self-curing: No water curing required.
- ✓ Highly deformable: Accommodates substrate movement.
- ✓ Reduced vertical slip: Improves workability.
- ✓ Excellent bond and shear strength.
- ✓ Extended open time: Ensures easier application.
- ✓ Time-saving and cost-effective.

SURFACE PREPARATION

- ✓ Substrates must be sound, clean, and free of dust, oil, grease, paint, or loose matter.
- ✓ Surface must be brought to a saturated surface-dry (SSD) condition prior to application.
- ✓ Concrete bases must be fully cured for at least 28 days.

NET QUANTITY: 20kg & 40kg

STANDARDS & COMPLIANCES



Type 1T as per
IS 15477 : 2019

C1 T as per
EN 12004:1 : 2017

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey Fine Powder
Bulk Density	1.40 - 1.60 kg/L
Grain Size	≤ 0.6 mm
Water Demand	25 - 30 %
Pot Life	2 - 3 hours
Adhesive Thickness	3 - 10 mm
Appication Temperature	From + 5°C to + 35°C
Shelf Life (Un-opened Bag)	12 months
Grouting Of Joints	After 24 hours
Ready For Use	2 - 3 days

TECHNICAL SPECIFICATIONS AS PER EN 12004 : 2017 STANDARD @ 23 ± 2 °C

Classification	Test Method	Specification	Typical Values
Tensile Adhesion Strength - Dry Condition	EN 12004-2:2017, 8.3	≥ 0.5 N/mm ²	0.55 to 0.75 N/mm ²
Tensile Adhesion Strength, After Water Immersion	EN 12004-2:2017, 8.3	≥ 0.5 N/mm ²	0.50 to 0.60 N/mm ²
Tensile Adhesion Strength, After Heat Aging	EN 12004-2:2017, 8.3	≥ 0.5 N/mm ²	0.60 to 0.80 N/mm ²
Tensile Adhesion Strength After Freeze-Thaw Cycle	EN 12004-2:2017, 8.3	≥ 0.5 N/mm ²	0.50 to 0.60 N/mm ²
Open Time @ 20 Minutes Tensile Adhesion Strength	EN 12004-2:2017, 8.1	≥ 0.5 N/mm ²	0.50 to 0.60 N/mm ²
Slip	EN 12004-2:2017, 8.2	≤ 0.5 mm	0.20 to 0.40 mm

TECHNICAL STANDARDS AS PER IS 15477 : 2019 STANDARD @ 27 ± 2 °C

Classification	Test Method	Specification	Typical Values
Shear Adhesion Strength - Dry Condition	IS 15477:2019, Annex B (Clause 5.2)	≥ 1.00N/mm ²	1.00 to 1.20 N/mm ²
Tensile Adhesion Strength - Dry Condition	IS 15477:2019, Annex A (Clause 5.1)	≥ 0.5N/mm ²	0.55 to 0.75 N/mm ²
Open Time	IS 15477:2019, Annex C (Clause 5.3)	Not Specified	15 minutes
Adjustment Time	IS 15477:2019, Annex D (Clause 5.4)	Not Specified	25 minutes
Slip	IS 15477:2019, Annex E (Clause 5.5)	≤ 0.5 mm	0.20 to 0.40 mm

APPLICATION INFORMATION (MIXING)

- Mix one 20kg bag of PG-150 with 5-6 liters of clean water, depending on the desired consistency.
- Use a mechanical mixer to achieve a homogeneous, lump-free mixture and optimum performance.
- Allow the mixture to slake for 5-7 minutes.
- Remix briefly before application. Do not add additional water after slaking.
- Prepare only the quantity you can use within the specified pot life.

PRECAUTIONS

- Always add powder to water, never water to powder.
- Do not add excess water beyond the recommended ratio.
- Do not use on damp or improperly dried surfaces.
- Not recommended for tiling directly on paint, wood, or metal.

COVERAGE

25-30 sq. ft. per 20 kg bag at an application thickness of 3-6 mm.
Coverage may vary depending on the notch trowel size, substrate condition, and site conditions.

PACKAGING

20kg, 40kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing.
Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

ADHESIVES

Block Joint Mortar

DESCRIPTION

Block Joint Mortar is a high-quality, cement-based mortar formulated with selected graded sand and imported polymers. It ensures superior water resistance, excellent workability, and strong adhesion. Specifically designed for jointing masonry units, it offers long-lasting performance in a variety of conditions.

SUITABLE FOR

- > ACC blocks
- > Hollow blocks
- > Fly ash bricks
- > Concrete blocks
- > Fixing and jointing of concrete window and door frames



PRODUCT FEATURES

- ✓ Strong Bonding
- ✓ Cost-Effective
- ✓ No Curing Required
- ✓ Time Saving



NET QUANTITY: 40kg

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey Free Flow Fine Powder
Bulk Density (In kg/L)	1.40 - 1.50 kg/L
Water Dilution (In %)	20 - 25
Mixed Density (In kg/L)	1.70 - 1.95
Compressive Strength (N/mm ²)	> 7
Pull-off Strength, (N/mm ²)	> 1.00

ADHESIVES

Stone Grip (Anti-Slip Treatment)

DESCRIPTION

Stone Grip is a specially formulated copolymer-based anti-slip treatment designed for vitrified, porcelain and ceramic tiles, marble, granite, and other stone surfaces. It enhances surface safety without altering the natural appearance of the material.

SUITABLE FOR

- > Interior and exterior applications
- > Marble, granite, tiles, and stones
- > Wet and slip-prone areas like bathrooms, pool sides, and corridors



PRODUCT FEATURES

- ✓ Enhances Surface Safety
- ✓ No Appearance Change
- ✓ Easy and Quick Installation
- ✓ Quick Drying



NET QUANTITY: 1kg & 5kg

TECHNICAL INFORMATION

Technical Parameters	Specifications
Appearance	Liquid Paste
Tensile Adhesive Strength	1.0 - 1.3 N/mm ²
Coverage Area	1-1.5 Sq. m/mm
Hardening Time	5-8 Hours (Depends on the site condition)

WALL FINISHING Wall Care Putty

DESCRIPTION

Wall Care Putty is a water-resistant, white cement-based finishing and smoothing material. It prepares plastered surfaces for paint by rendering a smooth, durable underlayer that enhances adhesion and paint finish. Suitable for interior and exterior surfaces.

SUITABLE FOR

- **Plastered surfaces (interior & exterior)**
- **Underlayer for decorative paints**
- **Smooth finishing for concrete and masonry**



PRODUCT FEATURES

- ✓ Durable & Waterproof
- ✓ Smooth Finish
- ✓ Prevents Paint Flaking
- ✓ Fills Minor Cracks
- ✓ Easy Application



NET QUANTITY: 20kg & 40kg

Substrate Preparation

- Before applying PowerGrace Wall Care Putty remove all loosely adhering material from the wall surface with the help of sand paper, putty blade or wire brush. The substrate should be clean, free from dust, grease and loose materials. Moisten the wall with sufficient quantity of clean water.

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	White Lump Free Powder
Bulk Density, (Kg/L @ 27°C)	0.85 - 1.05 kg/L
Pot Life	90 - 120 Minutes
Setting Time	*Initial: 240-360 Min. (According to EN 196-3) *Final: <600 Min.
Tensile Adhesion Strength @ 28days (In N/mm ²)	≥ 1.0 (According to EN 1348)
Compressive Strength @ 28days, (In N/mm ²)	3.5 - 7.5 (According to EN 1015 - 11)
Water Absorption @ 28days For 24 Hrs, MI	≥ 0.8 (According to Karsts Tube)
Water Absorption Coefficient, (In kg/mm ²) H 1/2	< 1.0 (According to DIN 52617)
Water Retentivity, (In %)	> 98 (According to DIN 18555-7)

APPLICATION INFORMATION (MIXING)

- Mix PowerGrace Wall Care Putty with 35-40% clean water until you get a homogeneous, lump-free paste of the desired consistency.
- Apply the 1st coat uniformly on a pre-moistened surface using a putty blade or trowel. Mix only the quantity you can use within the workable time.
- After the 1st coat has dried and hardened, smooth the surface with fine waterproof emery paper before applying the 2nd coat with fresh material.
- Maintain a maximum total thickness of 1.5 mm for both coats.
- Uneven application may cause surface defects.
- Skilled applicators should carry out the final finishing.

Surface Preparation

- Thoroughly wet the surface before and during application of PowerGrace Wall Care Putty. This ensures better bonding, improved workability, and higher coverage.

APPLICATION METHOD

- Apply the 1st coat on the thoroughly moistened wall surface from bottom to top using a putty blade for uniform application and minimum wastage.
- After drying, gently smooth the surface with a wet sponge or putty blade to remove loose particles.
- Allow to dry for at least 3 hours, then apply the 2nd coat.
- After the 2nd coat dries, remove marks using a moist sponge or gently smooth with a putty blade.
- Allow the surface to dry, preferably overnight (10-12 hours).
- Mix only the required quantity and use within 2-3 hours of mixing with water.
- Keep the total thickness to a maximum of 1.5 mm.

PRECAUTIONS

- Ensure thorough mixing; a mechanical stirrer is recommended for best results.
- Always add the required water to the putty—do not add putty to water.
- Apply PowerGrace Wall Care Putty only on a wet surface.
- Do not rub the finished surface harshly with rough emery paper, as this may damage the protective film and reduce water repellency.

COVERAGE

Approximately 18-22 sq. ft./kg/mm in 2 coats on a smooth, finished mortar wall under optimum conditions. Coverage may vary depending on surface texture and application conditions.

NOTE

- Efflorescence is generally caused by brick masonry, influenced by the quality of bricks, sand, and water. Where excessive efflorescence is present, appropriate measures should be taken to control it, as it can impair the bonding of Wall Care Putty.

PRECAUTIONS DURING USAGE

- Although non-toxic, avoid dust inhalation during mixing and handling.
- In case of contact with eyes or mouth, rinse thoroughly with clean water.
- Store in a dry place, out of reach of children.
- Persons sensitive or allergic to cement/cement-based products should take appropriate precautions before use.

GROUTS

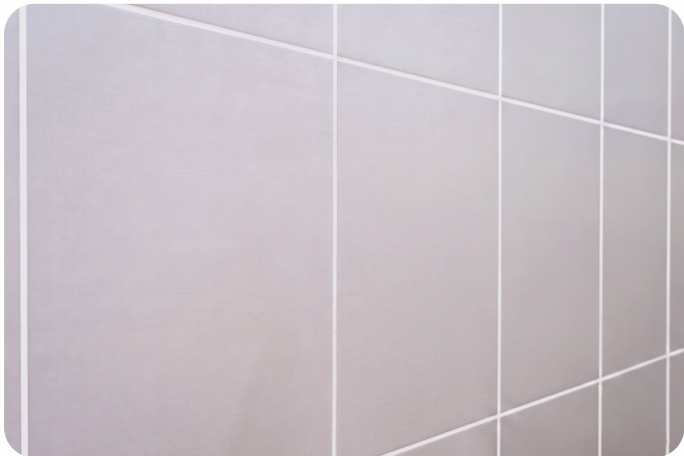
Power Grout

DESCRIPTION

Power Grout is a single-component, pre-packed cement-based polymer-modified grout with selected pigments and admixtures. It fills joints between tiles, ensuring stability, water resistance, and enhanced aesthetics. Once mixed with water, it becomes a smooth, creamy paste that sets to resist fungus and mold.

SUITABLE FOR

- > Ceramic tiles, vitrified tiles, granite, marble, mosaic, and natural stone for floor and wall applications (interior & exterior).
- > Dry and wet areas, subject to SSD condition before application.



PRODUCT FEATURES

- ✓ High Joint Strength
- ✓ Durable & Waterproof
- ✓ Easy to Apply & Mix
- ✓ Smooth Finish
- ✓ Long-Lasting
- ✓ Suitable for Wet Areas

CLASS

CG 2 as per
EN 17190 : 2020

APPLICATION INSTRUCTIONS

- > Ensure the adhesive bed is properly set and cured before grouting.
- > Clean all joints with a grout raker, removing adhesive residue, efflorescence, laitance, dirt, and loose materials.
- > Thoroughly wet the joints with clean water before grouting.
- > Ensure joints are free from standing water and sufficiently dry before application.



NET QUANTITY: 1kg

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Grey Powder
Joint Width	1-6 mm
Pot Life	30 Min.
Curing Time	24 hours
Mixing Ratio (%/kg)	30-40
Compressive Strength @ 28 Days	15.5 N/mm ²
Flexural Strength @ 28 Days	3.8 N/mm ²
Water Absorption After 30 Min. (ln %)	1.73
Water Absorption After 240 Min. (ln %)	3.45
Linear Shrinkage (ln %)	0.13

APPLICATION INFORMATION (MIXING)

- > Dry areas: Add 300-400 ml of clean water to the mixing vessel, then slowly add Power Grout and mix thoroughly.
- > Wet areas: Add 300 ml of PG-Grout Plus to the mixing vessel, then slowly add Power Grout and mix thoroughly.
- > Mix for approximately 3 minutes using a slow-speed mixer (300-600 rpm).

APPLICATION METHOD

- > Compact the mixed grout into the joints using a grout float or rubber squeegee, ensuring complete filling.
- > Work in small areas and remove excess grout from the tile surface. Do not exceed the grout's working time.
- > Allow approximately 15 minutes for the grout to dry, then clean the surface diagonally across the joints using a damp sponge.
- > Finally, wash the surface with clean water and a damp sponge to remove any remaining grout film.

NOTE

- > Do not use showers for at least 2 weeks after grouting. Not recommended for power showers; use epoxy grout instead.
- > Use with PG-Grout Plus (Admix) to improve adhesion to tile/stone edges, reduce water permeability, and increase flexibility.
- > Do not fill swimming pools for at least 3 weeks after grouting.

LIMITATIONS

- > Do not add fresh material to previously mixed grout.
- > Do not use saline or salty water for mixing.
- > Do not use high-concentration acids to remove hardened grout from tile surfaces.

SHELF LIFE

- > 12 month from date of production, when stored properly in original, Un-opened, Undamaged and sealed packaging



GROUTS Epoxy Grout

DESCRIPTION

Epoxy Grout is a high-performance, three-component / Two-component epoxy-based joint filler for ceramic, vitrified, and natural stone tiles. It delivers exceptional durability, stain resistance, and easy cleaning during application. Designed for high-traffic and demanding environments.

AREAS OF APPLICATION

- > Residential buildings
- > Commercial buildings
- > Bathrooms
- > Swimming pools



BENEFITS & ADVANTAGES

- ✓ Hard and durable joints.
- ✓ Waterproof
- ✓ Chemical resistant
- ✓ Non-shrink
- ✓ Water cleanable
- ✓ High mechanical strength

SURFACE PREPARATION

- ✓ Before grouting, remove all debris from the grout joints and clean the tile surface with a cloth or sponge to remove dirt and dust.

Note: Test results are based on conditions of 27°C and 50% RH. Actual field performance may vary depending on site conditions and application methods.



NET QUANTITY: 1kg & 5kg

TECHNICAL INFORMATION

Product	2 Part Epoxy Grout	3 Part Epoxy Grout
Appearance	Part A : Coloured thick paste Part B : Pale yellow liquid	Part A : Clear liquid Part B : Pale yellow liquid Part C : Free flowing coloured powder
Mixing Ratio (by Weight)	92.5 : 7.5 (Part A : Part B)	18 : 9 : 73 (Part A : Part B : Part C)
Mixed Density, kg/L	1.60	1.70
Joint Width, mm	1-10	1-10
Pot Life/ Workable Time, Minutes	30-40	30-40
Temperature Of The Air, Substrates And Materials	From +25°C to +30°C	From +25°C to +30°C
Shelf Life, Months (Un-opened Pack)	12	24
Applied Joint Hardening Time @ 27°C	After 24 hrs	After 24 hrs
Ready For Use At 27°C:	5 days	5 days

TECHNICAL SPECIFICATIONS AS PER IS 17190 : 2020

Classification	Test Method	Specification
Max. Linear Shrinkage (In %)	IS 17190, Annex B	0.15
Max. Water Absorption After 30 Minutes (In %)	IS 17190, Annex C	0.5
Min. Compressive Strength (In Mpa)	IS 17190, Annex D	45
Min. Flexural Strength (In Mpa)	IS 17190, Annex D	30
Max. Abrasion Resistance (In %)	IS 17190, Annex E	0.5
Chemical Resistance	IS 17190, Annex F	Pass

APPLICATION INFORMATION (MIXING)

- > A mechanical mixer is recommended for best results.
- > Mix only the quantity you can use within the specified pot life.
- > Mix Part A and Part B manually for 3-5 minutes.
- > Add Part C to the mixed Part A and Part B, and mix for another 3-5 minutes.
- > Once homogeneous, apply to the joints using a rubber float.
- > Do not mix partial components.

PRECAUTIONS

- > Always add Part B to Part A.
- > Add Part C only after thoroughly mixing Part A and Part B.
- > Do not mix partial components.
- > Do not apply on damp surfaces.

APPLICATION INFORMATION (MIXING PART - 2)

- > A mechanical mixer is recommended for best results.
- > Pour Part B into Part A and mix for 3-5 minutes, until you get a homogeneous paste.
- > Fill the joints using a rubber float within the specified pot life.

COVERAGE

Coverage area depends on tile size, joint width, and joint depth.

PACKAGING

1kg, 5kg

STORAGE

Store the material in a cool, dry place, protected from moisture and direct exposure to water.

TECHNICAL BASE

All technical data stated in this Product Data Sheet are based on laboratory testing. Actual measured data may vary depending on site conditions and circumstances beyond our control.

HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users should refer to the latest Safety Data Sheet (SDS), which contains relevant physical, ecological, toxicological, and other safety-related information.

WATERPROOFING

Waterproofing SBR Latex

DESCRIPTION

SBR Latex is a synthetic rubber emulsion that, when mixed with cement mortar, slurry, or concrete, improves adhesion, flexibility, and water resistance. It is a versatile additive for waterproofing, repair, and strengthening applications.

SUITABLE FOR

- > **Roof slabs, sunken slabs, and basements**
- > **Water tanks, sunshades, and damp-prone areas**
- > **Polymer-modified repair mortar and plaster**
- > **Injection grouting and prevention of water seepage.**



PRODUCT FEATURES

- ✓ Improves Bonding Strength
- ✓ Enhances Waterproofing
- ✓ Resists Cracks & Shrinkage
- ✓ Long-Lasting

Note: The screed should be of a semi-dry cohesive consistency.



NET QUANTITY: 1L, 5L & 20L

1. Patching And Repair Mortars And Plaster For Masonry

Technical Parameters	Specifications
Cement	50kg
Zone li Sand	150kg
PowerGrace SBR Latex	5.9 L
Recommended Water Addition	11-15 L
Recommended Thickness	8 - 30 mm

2. Heavy Duty Floor Screeds

Technical Parameters	Specifications
Cement	50kg
3-6 mm Granite Chips	75kg
Zone li Sand	75kg
PowerGrace SBR Latex	5.9 L
Recommended Water Addition	8-12 L
Recommended Thickness	10 - 25 mm

TECHNICAL INFORMATION

Technical Parameters	Specifications	
Appearance	Milky White Pourable Liquid	
pH Value	8.00 - 11.00	
Solid Content (In %)	35 ± 1	
Density (In L)	1.02	
Tensile Adhesion (28 Days)	1.20	
Mechanical Properties	Control Sample	Sample with POWERGRACE SBR (latex)
Compressive Strength N/mm ²		
@ 3 days	11.5	12.5
@ 7 days	13.0	14.5
@ 28 days	22.0	24.0
Tensile Strength N/mm ²		
@ 28 days	2.5	3.5

APPLICATION

- > Prepare a clean, sound surface with an adequate mechanical key.
- > Remove dust, plaster, oil, paint, grease, corrosion deposits, and other contaminants.
- > Remove laitance by mechanical means.
- > Mechanically roughen smooth substrates by scrubbing, needle gunning, or grit blasting to provide adequate key.
- > Expose corroded reinforcement around its full circumference and remove loose scale and corrosion deposits.
- > Clean reinforcement to a bright metal finish, preferably using emery cloth, grit blasting, or sand blasting.



WATERPROOFING

Powerlock 2K Waterproofing

DESCRIPTION

Powerlock 2K is a two-component, acrylic-modified, flexible cementitious waterproofing membrane. Supplied in ready-to-mix kits, it forms a seamless, flexible coating when applied. Provides excellent waterproofing protection for concrete and masonry surfaces.

SUITABLE FOR

- > Bathrooms, toilets, kitchens, and balconies
- > Swimming pools, water tanks, and reservoirs
- > Concrete foundations, basements, and lift pits
- > Parking decks, planters, and concealed roofs



PRODUCT FEATURES

- ✓ Flexible Cement Coating
- ✓ Seamless Waterproof Layer
- ✓ UV and Weatherproof
- ✓ Suitable for Wet Areas
- ✓ Long-Lasting

SURFACE PREPARATION

- ✓ Allow new concrete and masonry substrates to fully cure before application.
- ✓ The substrate must be in a Saturated Surface Dry (SSD) condition—damp but free from standing or ponded water.
- ✓ Ensure that all surfaces are clean and free from oil, grease, wax, dirt, dust, and other foreign matter that may adversely affect adhesion.
- ✓ Remove all loose, weak, or deteriorated concrete. Spalled or damaged concrete must be repaired and restored to a sound substrate before application.
- ✓ Ensure the substrate is properly prepared and brought to SSD condition immediately before application.



NET QUANTITY: 3kg & 15kg

CERTIFICATIONS



TECHNICAL INFORMATION

Technical Parameters	Test Method	Specifications
Appearance	Visual	Milky White Liquid
Polymer Content, (In %)	ASTM D 1644 - 2001	45 ± 1
pH Value	IS 9103 : 1999	07 - 08
Appearance	Visual	Grey Free Flow Fine Powder
Dry Density, (In kg/L)	EN 1015-6	1.3 - 1.5

Technical Parameters	Specifications
Mixing Ratio	Liquid 1 Part : Powder 2 Part
Appearance	Grey Homogenous Viscous Liquid
Dry Density, (In kg/L)	1.3 - 1.5
Tensile Strength	1.21 N/mm ²
Elongation @ Break	88%
Crack Bridging Ability	1.74 mm
Pull Of Adhesion Strength	1.18 N/mm ²
Negative Side Water Permeability Up To 4.5 Bar	Pass
Depth Of Water Permeability @ 5 Bar	Nil

APPLICATION INFORMATION (MIXING)

- > Using a suitable mechanical mixer, slowly add the powder component to the liquid component in a clean mixing container.
- > Mix thoroughly until a smooth and homogeneous slurry is obtained.
- > Allow the mixed slurry to stand for 5-10 minutes to release entrapped air before application.
- > Remix gently before application, if required.
- > The mixed material must be used within the recommended pot life of 40-45 minutes.
- > Do not dilute the mixed material with water.

APPLICATION

- > The prepared slurry can be applied using a brush or trowel, depending on the application requirement.
- > Allow the first coat to air-dry for approximately 5-6 hours.
- > Apply the second coat at right angles (90°) to the first coat to ensure uniform coverage.
- > Allow the second coat to air-dry for approximately 2-6 hours.
- > Carry out moist curing for the following 24 hours after application, as required by the site conditions.
- > Do not apply the product over surfaces with standing water.
- > Do not dilute with water.

COVERAGE

6.5-7.5 sq. ft./kg for 2 coats at approximately 1 mm thickness.
Coverage may vary depending on substrate condition, surface texture, porosity, and application method.

PACKAGING

3kg Pack: 2kg Powder + 1kg Liquid
15kg Pack: 10kg Powder + 5kg Liquid



WATERPROOFING

Power Shield – Waterproofing Membrane

DESCRIPTION

Power Shield is a single-component, liquid-applied, flexible waterproofing membrane formulated with elastomeric acrylic polymers and reinforcing fibers. It provides heat reflection, reduces surface temperature, and protects exposed structures.

SUITABLE FOR

- > RCC, asbestos, lime, and terraced roofs.
- > Exposed roof slabs (new & old)
- > Sunshades, parapets, and brick-bat coba surfaces



PRODUCT FEATURES

- ✓ Flexible & Seamless Layer
- ✓ UV and Heat Resistant
- ✓ Reflects Solar Heat
- ✓ Long-Lasting
- ✓ Easy Brush/Roller Use
- ✓ Protects from Weathering



NET QUANTITY: 1L, 5L & 20L

TECHNICAL INFORMATION

Technical Parameters	Test Method	Specification
Solid Content By Weight (In %)	ASTM D 1644 : 2001	>60
SRI Index	ASTM E 1980 : 2019	101
Depth Of Water Permeability @ 5 Bar	EN 12390-8 : 2019	Nil
Negative Side Water Permeability Up To 3.5 Bar	ASTM D 7088 : 2017	Pass
Crack Bridging Ability	EN 1062 - 7(4) : 2004	>2mm
Elongation At Break (In %)	ASTM D 2370 : 2016	>500

WATERPROOFING

Bituseal – Protective Coating

DESCRIPTION

Bituseal is a ready-to-use, one-component bituminous emulsion containing rubber, designed for damp-proofing and protecting concrete structures. It resists mild acids, salts, and water attack, ensuring long-term durability.

SUITABLE FOR

- > Retaining walls and foundations
- > Basements and underground structures
- > Separation coating for construction joints



PRODUCT FEATURES

- ✓ Ready-to-Use Emulsion
- ✓ Strong Surface Adhesion
- ✓ Water and Salt Resistant
- ✓ Protects Against Dampness
- ✓ Crack-Resistant Layer
- ✓ Long-Lasting



NET QUANTITY: 1L & 20L

TECHNICAL INFORMATION

Technical Parameters	Test Method	Specification
Color	Visual	Black
Elongation At Break (In %)	ASTM D412	1200
Crack Bridging (In mm)	EN 1062-7 : 2004	0.95
Pull-off Adhesion Strength (In N/mm ²)	ASTM D7234-22	1.9

CLEANERS

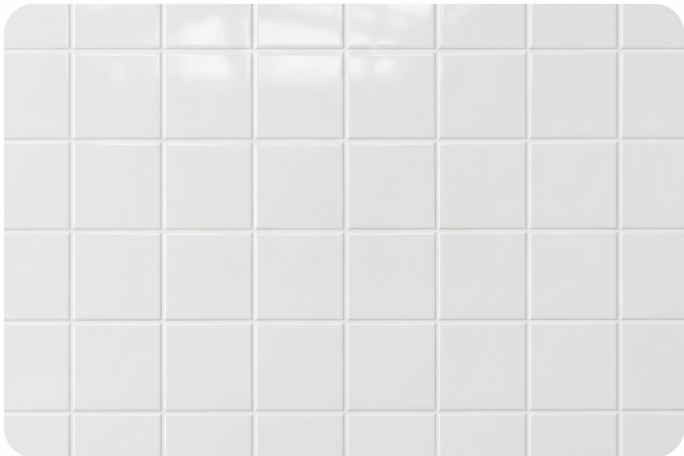
Power Tile & Stone Cleaner

DESCRIPTION

Power Tile & Stone Cleaner is a multipurpose cleaning solution for regular maintenance of tiles, marble, and natural stones. Safer than acid-based cleaners, it is specially formulated to remove limescale, stains, and dirt without damaging delicate surfaces like marble.

SUITABLE FOR

- > Walls and floors
- > Kitchens and bathrooms
- > Shopping malls, hotels, and high-traffic areas
- > Interior and exterior cleaning applications



PRODUCT FEATURES

- ✓ Multipurpose Cleaner
- ✓ Safe & Less Reactive
- ✓ Effective Against Lime Scale
- ✓ Mild for Stone & Porous Tiles



NET QUANTITY: 1L & 5L

TECHNICAL INFORMATION

Technical Parameters	Specifications
Aspect	Magenta Liquid
pH Value	< 1.00
Density	1.05 - 1.10
Cleanability	Passes

SPACERS

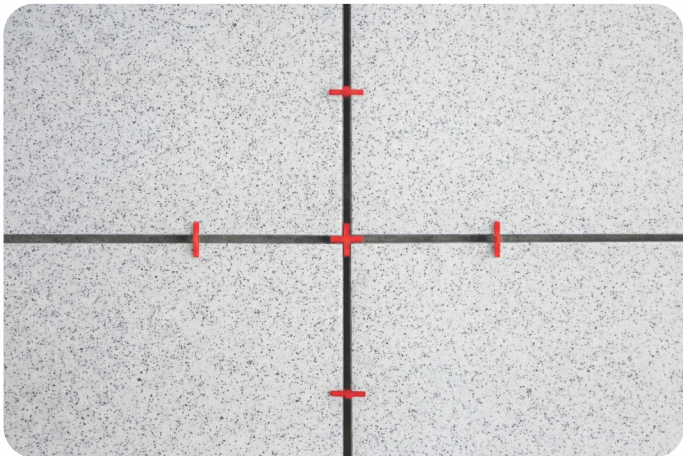
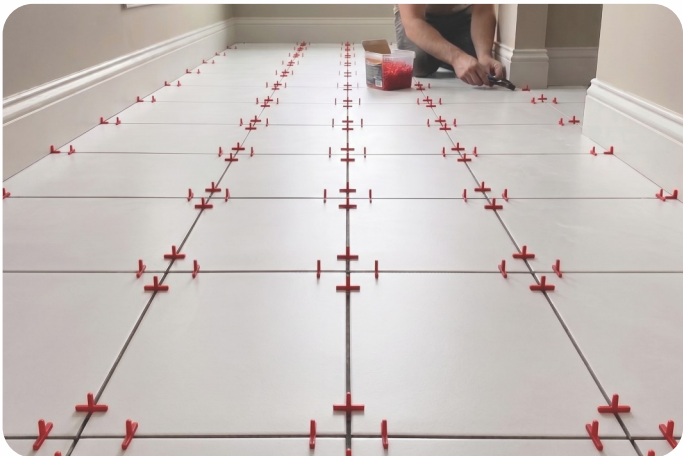
Tile Spacers

DESCRIPTION

Tile Spacers are precision-moulded from virgin, flexible PVC. They help achieve uniform grout lines while laying ceramic, vitrified, porcelain, marble, and stone tiles. Designed for accuracy and ease of use, they ensure flawless tile alignment.

SUITABLE FOR

- > Floor and wall tile installations
- > Ceramic, vitrified, porcelain, marble, and stone applications
- > Projects requiring consistent joint spacing



PRODUCT FEATURES

- ✓ Uniform Grout Lines
- ✓ Virgin Flexible PVC
- ✓ Exact Dimensions
- ✓ Available in Multiple Sizes



NET QUANTITY: 100 Pcs. in one pouch

SPACER'S SIZES: 2 mm, 3 mm, 4 mm, 5 mm, 6 mm & 7 mm

SPACERS

Tile Leveling Spacers

DESCRIPTION

The PowerGrace Tile Leveling Spacers are used during installation to ensure perfectly leveled tiling, even spacing, and no lippage. Made from stronger virgin plastic and available in multiple thicknesses, it can be reused multiple times. The system consists of two parts: a clip and a wedge used between tiles. Plastic clips are placed under the tiles, and wedge locks are placed on top. After curing, the clips break off at the base.

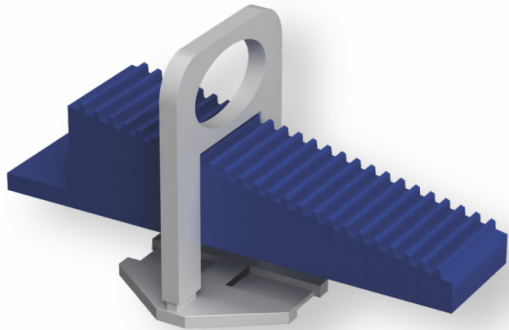
SUITABLE FOR

- > Lippage prevention
- > Speedy installation
- > Maintaining uniform grout lines
- > Reusable overtime



PRODUCT FEATURES

- ✓ Lippage Prevention
- ✓ Faster Installation
- ✓ Professional Finish
- ✓ Prevents Displacements



NET QUANTITY: 50 Pcs. in one pouch
SPACER'S SIZES: 2 mm, 3 mm & 4 mm

TILE ADHESIVE RECOMMENDATION GUIDE

T-CODE PRODUCT NAME	AREAS OF APPLICATION	
PG 150 NEW CONSTRUCTION TILE ADHESIVE	1. Ceramic tiles on internal floors & walls. 2. Vitrified tile less than 2 x 2 ft size on internal floors.	
PG 250/ W250 NON-SKID ADHESIVE	1. Vitrified tiles & natural stones upto 4 x 4 ft size on internal floors/walls & upto 2 x 2 ft size on external floors. 2. Tile-on-tile application on internal floors.	
PG 400/ W400	1. Vitrified tiles & natural stones > 4 x 4 ft size on internal floors/walls & upto 4 x 4 ft size on external floors. 2. Glass mosaic in internal & external areas.	
PG 500/ W500 PG 600/ W600	1. Water submerged areas like swimming pool. 2. Limited vibration area like window & door frame. 3. For fixing premium tiles & natural stones.	
PG 800/ W800	1. Fixing any size tiles & natural stones on external floor and wall at any height. 2. Tiles & natural stone fixing at heavy vibrational areas like malls.	
PG 1000	1. Fixing all tiles & stones on critical surfaces like gypsum, cement, bison, MDF, plywood, metal & glass. 2. For fixing metal, quartz, composite, glass tiles.	
PG 1100	1. Heavy vibration commercial areas like metro, railway. 2. Complex structures where high flexibility is required.	

AREA	SURFACE / SUBSTRATE	TYPE OF TILE	SIZE OF TILES	STANDARD RECOMMENDATION	BEST RECOMMENDATION
INTERNAL FLOORS LIVING ROOM, BEDROOM, KITCHEN, BATHROOM	Cement based surface like Concrete & Screed	Ceramic Tiles Porous Tiles	All Sizes	PG 150 New Construction Tile Adhesive	PG 150 Non-Skid Adhesive
		Vitrified Tiles & Natural Stones*	≤ 2x2 ft	PG 150 New Construction Tile Adhesive	PG 250 Non-Skid Adhesive
			> 2x2 & ≤ 4x4 ft	PG 250/ W250 Non-Skid Adhesive	PG 400/ W400
			> 4x4 ft	PG 400/ W400	PG 500/ W500
		Glass Mosaic Tiles	All Sizes	PG 400/ W400	PG 500/ W500
		Quartz/ Composites Metal/ Glass	All Sizes	PG 1000	PG 1000
	Tile-on-tile/ Existing Stones	All Tiles & Natural Stones	≤ 4x4 ft	PG 250/ W250 Non-Skid Adhesive	PG 400
			> 4x4 ft	PG 500/ W500	PG 600/ W600
	Drywalls (Gypsum/ Cement Board), Metal/Glass	All Tiles & Natural Stones	All Sizes	PG 1000	PG 1000
			All Sizes	PG 1000	PG 1000
INTERNAL WALLS LIVING ROOM, BEDROOM, KITCHEN, BATHROOM	Cement based surface like Concrete & Screed	Ceramic Tiles Porous Tiles	All Sizes	PG 150 New Construction Tile Adhesive	PG 250/ W250 Non-Skid Adhesive
		Vitrified Tiles & Natural Stones*	≤ 4x4 ft	PG 250/ W250 Non-Skid Adhesive	PG 400/ W400
			> 4x4 ft	PG 400/ W400	PG 500/ PG W500
		Glass Mosaic Tiles	All Sizes	PG 400/ PG W400 PG 500/ PG W500	PG 600/ PG W600
		Quartz/ Composites Metal/ Glass	All Sizes	PG 1000	PG 1000
	Tile-on-tile/ Existing Stones	All Tiles & Natural Stones	All Sizes	PG 1000	PG 1000
	Drywalls (Gypsum/ Cement Board), Metal/Glass	All Tiles & Natural Stones	All Sizes	PG 1000	PG 1000
			All Sizes	PG 1000	PG 1000
WATER SUBMERGED AREAS SWIMMING POOL, FOUNTAINS	Cement based surface like Concrete & Screed	All Tiles & Natural Stones	All Sizes	PG 500/ W500	PG 600/ W600
	Metal/ Glass/ Existing Epoxy Flooring	All Tiles & Natural Stones including Quartz & Composites	All Sizes	PG 1000	PG 1000

AREA	SURFACE / SUBSTRATE	TYPE OF TILE	SIZE OF TILES	STANDARD RECOMMENDATION	BEST RECOMMENDATION
EXTERNAL FLOORS BALCONY, PORCH	Cement based surface like Concrete & Screed	Ceramic Tiles/ Porous tiles	All Sizes	PG 250/ W250 Non-Skid Adhesive	PG 400/ W400
		Vitrified Tiles & Natural Stones*	≤ 2x2 ft	PG 250/ W250 Non-Skid Adhesive	PG 400/ W400
			> 2x2 & ≤ 4x4 ft	PG 400/ W400	PG 500/ W500 PG 600/ W600
			> 4x4 ft	PG 500/ W500 PG 600/ W600	PG 800/ W800
		Glass Mosaic Tiles	All Sizes	PG 500/ W500 PG 600/ W600	PG 600/ W600
		Quartz/ Composites/ Metal/ Glass	All Sizes	PG 1000	PG 1000
	Tile-on-tile/ Existing Stones	All Tiles & Natural Stones	≤ 4x4 ft	PG 500/ W500 PG 600/ W600	PG 800/ W800
			> 4x4 ft	PG 600/ W600	PG 800/ W800
	Drywalls (Gypsum/ Cement Board), Metal/Glass	All Tiles & Natural Stones	All Sizes	PG 1000	PG 1000
			All Sizes	PG 1000	PG 1000
EXTERNAL WALLS CLADDING, PORCH	Cement based surface like Concrete & Screed	Ceramic Tiles/ Porous tiles	All Sizes	PG 400/ W500	PG 600/ W600
		Vitrified Tiles & Natural Stones	≤ 4x4 ft	PG 600/ W600	PG 800/ W800
			> 4x4 ft	PG 800/ W800	PG 1100/ W1100
		Glass Mosaic Tiles	All Sizes	PG 400/ W400	PG 600/ W600
	Tile-on-tile/ Existing Stones	All Tiles & Natural Stones	All Sizes	PG 1000	PG 1000
			All Sizes	PG 1000	PG 1000
VIBRATIONAL AREAS LIFT DG ROOM, PARKING, MALL, AIRPORT	Cement based surface like Concrete & Screed	Ceramic Tiles/ Vitrified Tiles & Natural Stones	≤ 4x4 ft	PG 600/ W600	PG 800/ W800
			> 4x4 ft	PG 800/ W800	PG 1100/ W1100
		Glass Mosaic Tiles	All Sizes	PG 600/ W600	PG 800/ W800
		Quartz/ Composites/ Metal/ Glass	All Sizes	PG 1000	PG 1000
	Drywalls (Gypsum/ Cement board), Metal/Glass	All Tiles & Natural Stones	All Sizes	PG 1000	PG 1000

Application Procedure for Tile Adhesives & Grouts

Adhesives PG

Directions for Use

1



Clean the surface thoroughly and remove all dust, dirt, and loose particles.
सतह को अच्छी तरह साफ करें और धूल, गंदगी तथा ढीले कण हटा दें।

2



Saturate the surface with water to achieve SSD (Saturated Surface Dry) condition.
सतह को पानी से अच्छी तरह संतृप्त करें और SSD (Saturated Surface Dry) स्थिति सुनिश्चित करें।

3



Pour the required amount of clean water into the mixing bucket.
मिक्सिंग बाल्टी में आवश्यक मात्रा में साफ पानी पहले डालें।

4



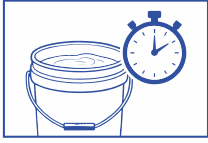
Gradually add the adhesive powder to the water.
एडहेसिव पाउडर को धीरे-धीरे पानी में डालें।

5



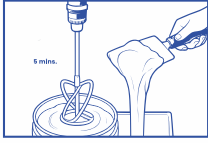
Mix thoroughly using a suitable mixer until a smooth, uniform consistency is achieved.
उपयुक्त मिक्सर की सहायता से अच्छी तरह मिलाएँ, जब तक कि चिकना और एकसार मिश्रण तैयार न हो जाए।

6



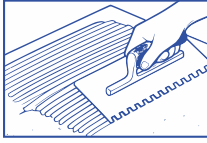
Check the consistency of the mixed adhesive before application.
एप्लिकेशन से पहले मिश्रित एडहेसिव की कंसिस्टेंसी जाँच लें।

7



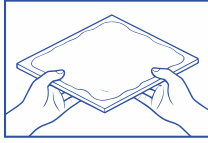
Allow the mixture to rest for 5 minutes, then remix thoroughly before use.
मिश्रण को 5 मिनट तक छोड़ दें और उपयोग से पहले दोबारा अच्छी तरह मिलाएँ।

8



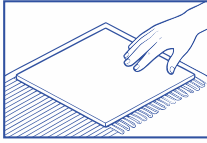
Spread the adhesive evenly using a notched trowel.
नॉच ट्रॉवेल की सहायता से एडहेसिव को समान रूप से फैलाएँ।

9



Apply a thin layer of adhesive to the back of the tiles for better coverage and adhesion.
बेहतर कवरेज और मजबूत चिपकाव के लिए टाइल के पीछे एडहेसिव की पतली परत लगाएँ।

10



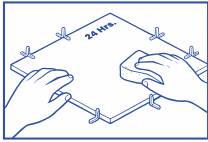
Place the tiles within the specified open time of the adhesive.
एडहेसिव के निर्धारित ओपन टाइम के भीतर टाइलें बिछाएँ।

6



Move the tile perpendicular to the notches and tap gently to ensure proper contact and coverage.
टाइल को नॉच की दिशा के विपरीत हल्का-सा हिलाएँ और उचित संपर्क एवं कवरेज सुनिश्चित करने के लिए धीरे-धीरे धपथपाएँ।

7

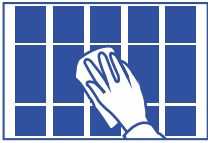


Allow the tiles to set for 24 hours, then fill the joints with PowerGrace Tile Grout.
टाइलों को 24 घंटे तक सेट होने दें, फिर जोड़ों को PowerGrace Tile Grout से भरें।

Grouts

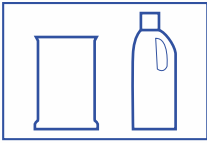
Directions for Use

1



Remove all oil, grease, dust, and dirt from the tile joints.
टाइल की जोड़ियों से तेल, चिकनाई, धूल और गंदगी हटा दें।

2



Pour the required amount of water into a clean bucket.
आवश्यक मात्रा में पानी एक साफ बाल्टी में डालें।

3



Add the grout powder to the bucket and mix well.
बाल्टी में ग्राउट पाउडर डालें और अच्छी तरह मिलाएँ।

4



Mix the grout until a smooth, lump-free paste is achieved.
ग्राउट को तब तक मिलाएँ जब तक यह चिकना और बिना गुठली वाला पेस्ट न बन जाए।

5



Allow the grout paste to rest for 5-10 minutes before application.
ग्राउट पेस्ट लगाने से पहले इसे 5-10 मिनट तक छोड़ दें।

6



Re-mix the grout and apply it into the joints using a rubber spatula/float.
दोबारा मिलाएँ और रबर स्पैचुला/फ्लोट की सहायता से जोड़ियों पर ग्राउट लगाएँ।

7



After 25-30 minutes, remove excess grout with a wet cloth or sponge.
25-30 मिनट बाद अतिरिक्त ग्राउट को गीले कपड़े या स्पंज से हटा दें।

Application Procedure for Epoxy Grout & Waterproofing

Epoxy Grout

Directions for Use

1



Clean the tile joints thoroughly. Remove all dust, debris, oil, and moisture.
टाइल के जोड़ों को अच्छी तरह साफ करें। धूल, मलबा, तेल और नमी को पूरी तरह हटा दें।

2



Ensure tiles and joints are completely dry before application.
एप्लिकेशन से पहले सुनिश्चित करें कि टाइलें और जोड़ों पूरी तरह से सूख गई हों।

3



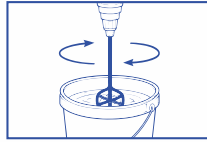
Mix Part A (Resin) and Part B (Hardener) thoroughly in a clean bucket.
पार्ट A (रेज़िन) और पार्ट B (हार्डनर) को साफ बाल्टी में अच्छी तरह मिलाएँ।

4



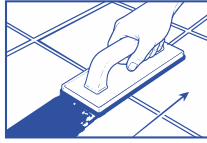
Add the Epoxy Grout Filler Powder gradually while stirring continuously.
एपॉक्सी ग्राउट फिलर पाउडर को लगातार चलाते हुए धीरे-धीरे मिलाएँ।

5



Mix thoroughly using a mixer until a smooth, uniform, lump-free paste is achieved.
मिक्सर की सहायता से अच्छी तरह मिलाएँ, जब तक कि चिकना, एकसार और बिना गुठली वाला पेस्ट तैयार न हो जाए।

6



Apply the epoxy grout diagonally across the joints using an epoxy rubber float.
एपॉक्सी रबर फ्लोट की सहायता से जोड़ियों पर एपॉक्सी ग्राउट को तिरछी दिशा में लगाएँ।

7



Clean the surface with a damp sponge using circular motions. Do not leave any residue.
गीले स्पंज से गोलाकार गति में सतह को साफ करें। सतह पर कोई अवशेष न रहने दें।

8



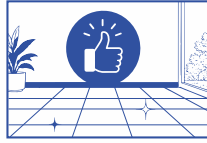
Wipe the surface with a clean microfiber cloth to remove any haze and achieve a smooth, glossy finish.
किसी भी धुंधलेपन को हटाने और सतह पर चिकनी, चमकदार फिनिश पाने के लिए साफ माइक्रोफाइबर कपड़े से सतह को पोछें।

9



Allow the surface to cure undisturbed for 24 hours for best results.
बेहतर परिणामों के लिए सतह को 24 घंटे तक बिना छेड़े व्योरे होने दें।

10

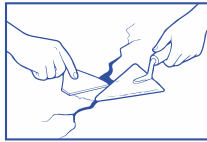


Surface is now beautiful, durable & ready to use.
सतह अब सुंदर, टिकाऊ और उपयोग के लिए पूरी तरह तैयार है।

Waterproofing

Directions for Use

1



Inspect and repair cracks or structural defects using a suitable crack filler or epoxy.
दरारों और संरचनात्मक दोषों को उपयुक्त क्रेक फिलर या एपॉक्सी से ठीक करें।

2



Remove all dust, grease, and loose particles. Ensure the surface is clean and dry before application.
धूल, ग्रीस और ढीले कण हटाएँ। लगाने से पहले सतह साफ और सूखी रखें।

3



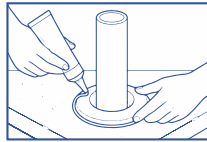
Apply the recommended primer evenly and allow it to dry as per the recommended adhesion time.
अनुशंसित प्राइमर समान रूप से लगाएँ और निर्धारित समय तक सूखने दें।

4



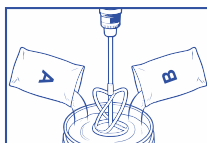
Reinforce corners with reinforcing tape or angle fillets.
कोनों को रीइन्फोर्सिंग टेप या एंगल फिलेट से मजबूत करें।

5



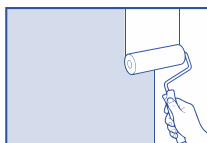
Seal around pipes, collars, and floor drains with a high-quality waterproofing sealant.
पाइपों, कॉलरों और फ्लोर ड्रेन के आसपास उच्च-गुणवत्ता वॉटरप्रूफिंग सीलेंट लगाएँ।

6



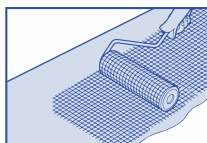
Mix Part A (Liquid) and Part B (Powder) with a mechanical mixer until smooth and lump-free.
पार्ट A (लिक्विड) और पार्ट B (पाउडर) को मैकेनिकल मिक्सर से चिकना और गांठ-रहित होने तक मिलाएँ।

7



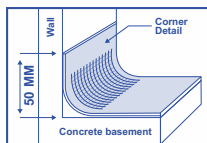
Apply the first coat evenly using a brush or roller.
ब्रश या रोलर से पहला कोट समान रूप से लगाएँ।

8



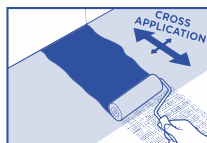
Immediately embed reinforcing mesh or geotextile fabric into the wet first coat.
गीले पहले कोट में तुरंत रीइन्फोर्सिंग मेश या जियोटेक्सटाइल फैब्रिक बिछाएँ।

9



Extend the reinforcing mesh at least 50 mm up vertical walls and floor-wall junctions for a secure, watertight seal.
सुरक्षित और वॉटरटाइट सील के लिए मेश को दीवार पर कम से कम 50 मिमी ऊपर तथा फ्लोर-वॉल जॉइंट तक बढ़ाएँ।

10



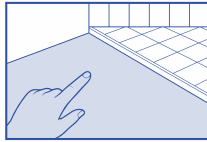
Once the first coat dries, apply the second coat in a perpendicular (cross) direction for maximum coverage.
पहला कोट सूखने के बाद अधिकतम कवरेज के लिए दूसरा कोट लंबवत/क्रॉस दिशा में लगाएँ।

6



Allow the system to cure for at least 24 hours before exposure to water or foot traffic.
पानी या पैदल आवाजाही से पहले सिस्टम को कम से कम 24 घंटे तक व्योरे होने दें।

7



Protect the fully cured coating with tiles, mortar screed, or plaster.
पूरी तरह व्योरे हुई कोटिंग को टाइल, मोर्टार स्क्रीड या प्लास्टर से सुरक्षित करें।

Trusted By



Private Projects



Government Projects



Recognition & Appreciation

DHARM BUILDCON

Letter of appreciation

We at **Satyamev Developers** always look for world class products & services to ensure total customer satisfaction for our enduser, in line with that, we are following stringent parameters in selecting our suppliers across country.

M/s.Powergrace industries Ltd is one of our oldest re known supplier for installing our Tiles, Granites etc. where we have been using Tile adhesive, Cement grout, Epoxy grouts since many years at our Satyamev elysium, Satyamev Serene, Satyamev Eminence, Satyamev Corporate Satyamev Elite, Satyamev Emporio & Karnavati Agriculture market yard.

We want to acknowledge and certify that M/s. Powergrace industries Ltd have been supplying defect free product and services, Timely delivery with best technical support at our sites.

We value your efforts : as one the most important contributions towards achieving Customer delight.

Keep up the good work always !!

Warm regards

For, Dharm Buildcon

Mr. Lalit B. Patil

Partner

B-501, Satyamev Complex, Opp. New Gujarat High Court, S. G. Highway, Ahmedabad.
Tel. : 079 - 2766 2710, 27662115 • Mo. : 9173366231 • E-mail : office@satyamedevelopers.com • www.satyamedevelopers.com

Notes



Corporate Office: Powergrace Industries Ltd.

3rd Floor - 305, Dev Arc Mall, S.G. Highway, Opp. Iscon Temple,
Ahmedabad - 380 015, Gujarat, INDIA.

Manufacturing Plants:

Plant I: Ceramic Zone, Tal. Prantij, Dist. Sabarkantha - 383 120, Himatnagar, Gujarat, INDIA.

Plant II: Industrial Plot 160/5, Lane-38, Industrial G.I.D.C, Vapi, Valsad - 396 195, Gujarat, INDIA.

Plant III: Survery No. 34/1/4, Yashveer Ceramics, Pipli Road, National Highway No. 8A,
Morbi - 363 642, Gujarat, INDIA.

Plant IV: Matsya Industrial Area, Alwar - 301 030, Rajasthan, INDIA.

Plant V: B-8/1 M.I.D.C, Taswade M.I.D.C, Dist. Satara, Karad - 415 110, Maharashtra, INDIA.

Inquiry & Feedback:

Toll Free No.: 1800 121 0141

Email: care@powergraceindustries.com

Web: www.powergraceindustries.com