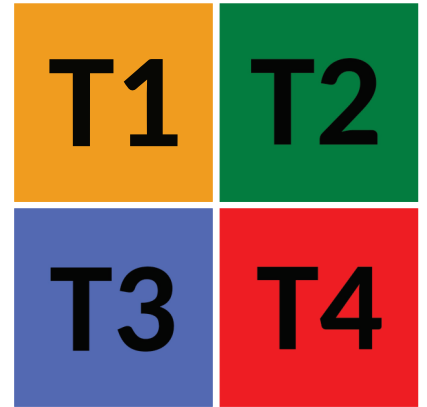


# ROBUST TILE ADHESIVES



AN ITALIAN TECHNOLOGY



Ready for immediate use



Excellent Bounding



Long Lasting & Higher durability



Reduce Time & Labor



Water Resistant

“ Discover ROBUST BUILDING SOLUTIONS-a leading provider of white cement and polymer-based solutions. Our range includes Wall putty, Waterproof Putty, Coarse Putty, Wall Texture, Primers, Tile Adhesives, Ready Mix Plaster, Block Jointing Mortar, General Purpose Mortar, Grouts (Cementitious and Epoxy), Gypsum Plaster, and White Cement. Crafted with the finest materials and Italian technology, our products guarantee unmatched quality and customer satisfaction. Elevate your spaces with elegance and endurance.”

“Polymer-modified thin-bed adhesives, based on cement, used for securely affixing tiles and stones onto even walls and floors. This factory premixed dry powder contains special chemical additives and inorganic fillers of exceptional quality. It delivers excellent bonding strength and complete coverage to the tile surface, resulting in a durable, solid, and long-lasting installation, in contrast to the weak and hollow installations achieved with conventional mortar”.

## UNDERSTAND THE TILE ADHESIVE VARIANTS:

Product Variant	ROBUST T1	ROBUST T2	ROBUST T3	ROBUST T4
Tile type	Ceramic tile, Terracotta, Brick, Vitrified tiles	Ceramic tile, Terracotta, Brick, Vitrified tiles	Stones, Granite, Marble and Glass tiles	Wild stones, Large granite tiles, Large marble and Glass tiles
Areas of application	Interior dry area	Interior floor & Wall applications, Exterior floor	It is suitable for both Vertical and horizontal surfaces, over the cementitious substrate for Interior and Exterior application.	It is suitable for both Vertical and horizontal surfaces, over the cementitious substrate for Interior, Exterior application and for Swimming pools

## PRODUCT APPLICATION:

- ❖ Make sure that the surface to be tiled is clean and free from any grease, oil, or other contaminants, and that it is in a state of SSD (Saturated Surface Dry).
- ❖ Gradually mix the ROBUST Tile Adhesive into water, ensuring a smooth and clump-free mortar consistency (Utilize 5-6 liters of water for a 20 kg bag).
- ❖ Use a trowel to apply the mixture onto the wall or floor, ensuring a thickness of 3 mm. Comb the surface with a notch trowel, making sure not to spread over an area larger than 1 sq.m at a time.
- ❖ Securely slide the tile into place, and delicately tap it with a soft mallet to enhance adhesion.
- ❖ Ensure proper spacing between tiles by utilizing spacers to create satisfactory and appropriate joints.
- ❖ Remove any excess adhesive by gently wiping it with a damp cloth.

# TECHNICAL SPECIFICATIONS OF THE TILE ADHESIVE RANGE

Sr. No	Properties	Measurement Unit	Robust Specifications				Tested as per IS 15477:2019
			Type 1	Type 2	Type 3	Type 4	
<b>Tensile Adhesion Strength</b>							
1	Dry conditions 14 days	N	≥ 7.51	NA	NA	NA	NA
2	Wet conditions 14 days	N	≥ 4.51	NA	NA	NA	NA
3	Dry conditions 28 days	N/mm <sup>2</sup>	NA	NA	≥ 1.5	≥ 1.5	1.5
4	Wet condition 28 days	N/mm <sup>2</sup>	NA	NA	≥ 1.0	≥ 1.0	1.0
<b>Shear Adhesion strength</b>							
1	Dry condition 24 hrs	KN	≥ 2.6	≥ 4.1	NA	NA	NA
2	Dry condition 14 days	KN	≥ 8.1	≥ 10.1	NA	NA	NA
3	Wet condition 14 days	KN	≥ 4.1	≥ 5.1	NA	NA	NA
4	Heat aging condition 14 days	KN	≥ 4.1	≥ 5.1	NA	NA	NA
5	Dry condition 28 days	N/mm <sup>2</sup>	NA	NA	≥ 1.5	≥ 1.5	1.5
6	Wet condition 28 days	N/mm <sup>2</sup>	NA	NA	≥ 1.0	≥ 1.0	1
7	Heat aging condition 28 days	N/mm <sup>2</sup>	NA	NA	≥ 1.0	≥ 1.0	1
8	Deformability of adhesive (required for vertical application only) S1	mm	NA	NA	NA	≥ 2.5mm	≥ 2.5 mm
9	Slip resistance (Required for vertical application only)	mm	NA	NA	NA	< 0.5 mm	< 0.5 mm
<b>General properties</b>							
1	Appearance-Physical	-	Cementitious free flow Grey powder	Cementitious free flow Grey/ White powder	Cementitious free flow Grey/ White powder	Cementitious free flow Grey/ White powder	Manufacture-wise
2	Ratio (Water: powder)	%	21-30	21-30	21 - 30	21 - 30	Manufacture-wise
3	Pot life	Minute	81-120	86-120	86 - 120	81 - 120	Manufacture-wise
4	Shelf life	Months	12 Months	12 Months	12Months	12 Months	Manufacture-wise
4	Notching	-	Continue without a pause	Continue without a pause	Continue without a pause	Continue without a pause	Manufacture-wise
5	Open Time	Minute	16-20	16-20	16 - 20	16 - 20	Manufacture-wise
6	Adjustability	Minute	11-15	11-15	11 - 15	11 - 15	Manufacture-wise
7	Packing size	Kgs	1kg, 5kg, 20kg & 40kg	1kg, 5kg, 20kg & 40kg	1kg, 5kg, 20kg & 40kg	1kg, 5kg, 20kg & 40kg	Manufacture-wise
8	Tools		Notched Trowel and Rubber trowel	Notched Trowel and Rubber trowel	Notched Trowel and Rubber trowel	Notched Trowel and Rubber trowel	Manufacture-wise
9	Bed thickness	mm	Minimum 3mm and depend up on the tile size	Minimum 3mm and depend up on the tile size	Minimum 3mm and depend up on the tile size	Minimum 3mm and depend up on the tile size	Manufacture-wise
10	Coverage	sq.ft./Kg	≥ 2 sq.ft./ kg at 3mm thickness	≥ 2.5 sq.ft./ kg at 3mm thickness	≥ 2.5 sq.ft./ kg at 3mm thickness	≥ 2.5 sq.ft./ kg at 3mm thickness	Manufacture-wise
11	Product confirm to	IS	TI IS 15477-2019	T2 IS 15477-2019	T3 IS 15477-2019	T4 IS 15477-2019	As per IS

# AVAILABLE PACKS(1kg, 5kg, 20kg & 40kg):



## STORAGE & SHELF LIFE:

This product has a shelf life of 12 months from the date of manufacturing when it is unopened. To ensure optimal quality, please store it in a cool and dry place.

## OUR PROMISE:

At ROBUST BUILDING SOLUTIONS PVT. LTD., we value your satisfaction and strive to provide exceptional customer support. We understand that effective communication and prompt assistance are crucial in resolving any concerns or issues you may encounter. Our dedicated team of support professionals is here to ensure your experience with our products and services is nothing short of outstanding.

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Made In India



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