

High Quality -Water Washable Epoxy Tile Grout.

DEFINITION

Novo W.B Epoxy Tile Adhesive is three-part epoxy adhesive to bond most sound, clean surfaces, ceramic tiles and industrial tiles. Adhesive spreads easily and cleans with fresh water, and high chemical resistance.

ADVANTAGES

- **Chemically Resistant**

Resists dilute acids and alkalis, as well as salts, oils and fats, milk saccharides.

- **High Bond Strength**

Excellent tile adhesive on concrete surfaces.

- **Hygienic**

Dense impermeable surface is easily cleaned to reduce bacteria growth.

Easy to Use (water cleanable)

- Excess tile adhesive is easily cleaned from tiles and equipment by water, rather than solvents.

- **Long pot life.**

- **Safe Use**

Can be used in interior and exterior walls and floors, wet and dry areas

FIELDS OF USE

Novo W.B Epoxy Tile Adhesive used for Food Processing.

- Dairy product processing .
- Beverage Manufacturing.
- Swimming Pools.
- Commercial Kitchens.
- Hospitals and Institutions
- Chemical processing facilities .
- Pharmaceutical Manufacturing.

PROPERTIES @ 25°C STANDARD

Color	White, Gray	
Specific gravity (mix)	1.80 ± 0.05	ASTM D 854
Solid content (w.t)	80 ± 2 %	ASTM D 1644
Mixing Ratio	1 A : 2 B :3C	
Pot life	45± 5 min	ASTM D 1212
Temp. of Application	(10 – 35) C°	
Full curing time	7 days	
Compressive strength	20 KN	ASTM C349/02
Flexural strength	8 N/mm ²	ASTM C349/02
Pull OFF	5 MPa	ASTM D4541
Water clean ability	Cleanable	
Rate of use	3 – 4 Kg/ m ²	

DIRECTIONS OF USE

✓ preparation of Surfaces

- All surfaces must be sound and thoroughly clean before
- **Novo Tile** is applied. All traces of grease or oil must be removed with **Novo Chemical Degrease**.
- All loose particles of mortar, old wallpaper, paint, etc. must be physically removed.

✓ Mixing & Application

Added comp **A** (ensure all liquid of comp **A** is added) to comp **B** mix well, then added comp **C** to the mixture step by step and stirring during the adding of comp **C**. Stirring after finish added of comp **C** by using slow mixer 300rpm / min. until obtains homogenous mortar.

NOVOCHEM S.AE

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- Apply mortar to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional mortar with the notched side.
- Place tiles into wet, sticky mortar and beat in using a beating block and rubber mallet to embed tile and adjust level. Check mortar for complete coverage by periodically removing a tile and inspecting bedding mortar transfer onto back of tile.

CHEMICAL RESISTANCE (AFTER FULL CURING AT LEAST 7 DAYS)

Chemical name	Result
<i>Lactic acid (10 %)</i>	pass
<i>Acetic acid (10 %)</i>	pass
<i>Sodium hydroxide (25 %)</i>	pass
<i>Sulfuric acid (25 %)</i>	pass
<i>Citric acid (25 %)</i>	pass
<i>White sprite</i>	pass
<i>Benzene</i>	pass
<i>Toluene</i>	pass
<i>Xylene mix</i>	pass

STORAGE

One year under suitable storage conditions.

PACKING

Group (A+B+C) = 5 & 10 kg

PRECAUTIONS & SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- Good ventilations incase application by sparing
- For skin contact, remove it with suitable cream followed by soap and water cleaning.
- Avoid contact with eye, in case of eye contact rinse with plenty clean water then seek to medical advice

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