



## Technical Data Sheet (TDS)



**Product Name:**  
**VEPOXY-SP GOLD**  
**(Special Purpose Epoxy Tile**  
**Grout for Floor & Walls)**

**Release: 1.5**  
**Date / Revised: 1-07- 2019**

### **Product Description:**

VEPOXY-SP GOLD Special Purpose Epoxy Tile Grout is a 3 component grout comprising of resin, hardener and filler powder which is the colour component. VEPOXY-SP GOLD is very suitable for ceramic tiles, vitrified tiles, marble & granite stone & Glass Mosaic Tiles especially in stain prone areas such as kitchens, bathrooms, hospitals, hotels, restaurants & water bodies etc.

### **Application - Commercial**

Institutional Kitchens, Schools, Swimming pools, Rest rooms, Hotels & Restaurants

### **Advantages:**

For tile joints having flesh joint from 0-6 mm

- Smooth finish
- Stain free
- Easy to apply and clean
- Non-Shrinkage, Non-Cracking and Non-Powdering
- Clings well to the vertical surfaces
- Water cleanable when fresh

### **Packaging:**

1 kg - Pail & 5 kg - Pail

### **Colours:**

Available in a range of fast moving 3 colours namely White, Black & Ivory.

**Our Specialty: We do customized special colours on demand.**





## Technical Data

### Applicable Standard

ANSI A 118.3 – 1999

### Physical Properties

TEST	TEST METHOD	RESULT
Water Clean ability	ANSI-118.3-5.1	>80 Minutes
Water Absorption	ANSI-118.6-4.4	0.4 %
Initial Setting Time	ANSI-118.3-5.2	3 Hrs 30 Min
Service Setting Time	ANSI-118.3-5.2	<7 Days
Linear shrinkage	ANSI-118.3-5.3	< 0.1 %
Sag	ANSI-118.3-5.4	No Sag
Compressive strength	ANSI-118.3-5.6	7600 psi(52 Mpa)
Tensile Strength	ANSI-118.3-5.7	1150 psi(7.9 Mpa)

### Working Properties

<b>Pot Life</b>	<b>45 Minutes</b>
<b>Foot Traffic</b>	<b>24 Hrs</b>
<b>Heavy Traffic</b>	<b>72 Hrs</b>
<b>Wet Density</b>	<b>~ 1710 kg/m<sup>3</sup></b>

Specifications subject to change without notification. Results shown are typical but reflect test procedures used for test. Actual field performance will vary on application methods and site conditions

**Shelf Life:** Factory sealed pail of this product is guaranteed for first quality for 24 Months

\* If stored up in dry area at temperatures between 0°C – 40°C

**Limitations:** Light colours may darker slightly when they exposed to direct UV-light

- Maximum stain resistance will attain after 10 days of application.
- Protect from exposure to acids and strong cleaner during the period.
- Not recommended for soft marbles, polished marbles, and delicate tiles.

**Caution:** During cold whether protect the finished work from the traffic until it fully cured  
VEPOXY Grout may irritate eyes and skin. Avoid to contact with eyes and prolonged  
Time with skin. In case of contact flush with plenty of water thoroughly.  
Don't take internally, silica sand may cause for cancer. Keep away to reach children



### INSTALLATION

#### **Surface Preparation**

Before starting the work remove the spacers placed between the tiles. Scratch between the tile joints and clean the joints, remove the dust and dirt using sponge. Make sure that the working temperature should be between 15°C - 30°C.

#### **Mixing**

- Transfer the entire bottles of VEPOXY Part - A & Part - B to a clean mixing pail.
- Mix with margin trowel or with a low speed drill mixer until the liquids completely and homogeneously mixed
- Add at least  $\frac{3}{4}$  of the filler powder Part-C and mix to uniform consistency
- Mix as stiff as possible to work in to the joints

#### **Application**

- Immediately pour entire quantity from the mixing pail on to working area
- Use a plastic sheet as a drop cloth
- Fill the grout joins using standard epoxy grouting techniques
- Ensure the grout joints are fully packed with VEPOXY Grout material
- Remove the excess material as much as possible before initial cleaning with grouting rubber float
- Do not leave excess material on the faces of the tiles

#### **Cleaning:**

Remove excess grout material from the top of the tiles with the edge of grout rubber float.

Hold the float at 90° and pull it at 45° **diagonally across the tile joints** to avoid pulling out the material

#### **Initial cleaning:**

After 30-45 minutes of the application scrub the surface of the tile and Joints with clean water and scrubber provided to remove any excess grout. Then take clean thick towel and drag across the tile to remove any residue

#### **Grout final cleaning:**

Within 24 Hrs do a second cleaning with normal soap detergent to remove any haze from the tile

#### **Availability & Costing:**

See the list of dealers and contact nearest dealer for availability and cost details

#### **Maintenance:**

V-BOND, VEPOXY SP GOLD- Grouts require routine cleaning with a neutral pH Soap and water. Installation performance and durability may depend on properly maintaining products supplied by the other manufacturers.



### Warranty:

Value Pack India Private Ltd warrants that VEPOXY – SP GOLD Grout is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage of a period of 1 year from the date of purchase. Subject to the terms and conditions mentioned in the Value pack Product warranty.

### Chemical Resistance Chart at 25°C

Name of the Chemical	Continuous exposure	Intermittent Exposure	Splash Exposure
MILK	R	R	R
Ethanol	NR(soft)	R	R
Tannic Acid to 50%	R	R	R
Tartaric Acid to 50 %	R	R	R
Phosphoric Acid to 80%	R	R	R
*Sulphuric Acid to 20%	R	R	R
Oxalic Acid to 10 %	R	R	R
Lactic Acid to 5 %	R	R	R
Acetic Acid to 5 %	R	R	R
Benzoic Acid to 5 %	R	R	R
See Water	R	R	R
Fruit Juice	R	R	R
Methanol	NR	NR	R
Mek	NR	NR	R
Methylene chloride	NR	NR	NR
Chloroform	NR	NR	NR
Toluene	NR	NR	R
Xylene	NR	NR	R



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**\*Chemical resistance depends on exposure levels**

**Splash:** Minor spillage wiped up quickly such as laboratory

**Intermittent:** Exposure to chemical where cleaning activity takes place several times like commercial kitchens

**Continuous:** Heavy exposure to chemicals where clean-up is less frequent such as in Industrial food plant

**R-Recommended, NR-Not Recommended.**

Chemical resistance determined in accordance with ASTM C267-1987

**Technical assistance information is available by calling the VBOND Technical Service at**

**Address**

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