

3H

DESCRIPTION

3H is a product used to fill tiny holes and cracks on the surface of stone and increase the hardness of the stone.



INSTRUCTIONS FOR USE

- After the stone is polished to 50#, use epoxy resin repair glue to fill larger cracks and holes first.
- After the epoxy resin is dry, polish to 150# and apply enough 3H.
- After drying for 2-3 hours, wet polishing to 300# and wait for the ground to dry. For enhanced performance, a second application of 3H can be applied. Wait for it for 2-3 hours to dry. Typically, a single coat provides excellent results.
- Continue grinding progressively to a 1000# finish.

FEATURES

- Water-based

STORAGE AND SAFETY

- The storage temperature should be above 0°C.
- Avoid contact with eyes. If it accidentally enters eyes, please rinse with water immediately.
- Do not take orally, please store in a cool, dry place out of reach of children.

WARRANTY

This data sheet is an information document compiled in good faith. It is correct based on our experience, but no warranty is given. The application, use or processing of the product is beyond our control and should be tested for suitability and therefore at your own risk. In no event shall we be liable to the customer or any other person for any incidental or consequential damages, however caused.

TECHNICAL DATA SHEET

Appearance	A viscous paste with uniform color and fine texture
Smell	Low
Tacky free in thin layer at 25° C in min	Approx. 90min
Cured at 25° C in hour	Approx. 3-4hrs
Minimum reaction temperature	0°C
Shelf life	2 years

TEST JC/T 989-2016 TEST GB/T2567-2008			Standard requirements	Measured value
Bending elastic modulus			≥2000MPa	2.36x10 ³ MPa
Adhesive bending modulus			≥16MPa	16.8MPa
Impact toughness			≥2.0kJ/m ²	3.2kJ/m ²
Pressure shear bond strength	stone-stone	Standard	≥8.0MPa	13.4MPa
		High temperature treatment	≥8.0MPa	9.7MPa
		Hot water treatment	≥5.0MPa	5.7MPa
		Alkali treatment	≥5.0MPa	10.3MPa
		Freeze-thaw cycle treatment	≥5.0MPa	10.2MPa
	Stone-Stainless steel	Standard	≥8.0MPa	12.3MPa
TEST GB/T 39294-2020		Yellowing resistance	LEVEL 0-5 from low to high	5