

CS EPOFLEX

Organic Mineral Adhesive



PRODUCT DESCRIPTION

CS Epoflex is a highly elastic, two-component, organic mineral adhesive for high performance and high adhesion fixing and laying of composite marble and composite quartz with no vertical slip on deformable substrates.

ADVANTAGES

- Superior adhesion
- High elasticity
- Thixotropic
- Compatible with water-sensitive materials
- High deformability and expandability
- Compatible with absorbent and non-absorbent substrates

APPLICATION AREAS

- Indoor/Outdoor
- Concrete and cement-based substrates
- Wood, plastic, rubber and metal

COVERAGE AND MIXING

Approximately 1 – 2 kg/m² per mm of thickness. Coverage varies with application techniques and undulations on the substrate surface.

PACKAGING

CS Epoflex is available in 4 kg and 10 kg sets of resin and hardener (component A and B)

APPLICATION PROCEDURE

SURFACE PREPARATION

- Surface should be compact, consistent, clean and free of dust and loose particles. Ensure that there is no damp/moisture rising.
- Ensure that surface should be completely dry.
- Substrate should be fully cured and must have completed any hygrometric shrinkage.
- Uneven areas should be smoothed via physical or mechanical means.

MIXING

- CS Epoflex is to be mixed in a 4:1 ratio of resin to hardener.
- For example, take 100 g resin and add 25 g hardener and mix well. Use a motorized mixer for higher volumes. Mix until and mixture is a smooth and homogenous.
- The quantity of mixing should be just enough to be used within 1 hour.

APPLICATION

- Apply mixed CS Epoflex on the backside of the stone slab with a 3 mm notch. Using the smooth edge of the spreader, apply a sufficient layer of adhesive and then used the notched edge of the spreader to remove excess material.
- Tools can be cleaned with CS Poxy Remover.

PRODUCT SPECIFICATIONS

PROPERTIES	
COLOR	Off white, creamy
PACKAGING PHYSICAL STATE	Paste
COVERAGE	1 – 2 kg/m ² per mm thickness
WORKING TEMPERATURE RANGE	+5°C to +35°C
POT LIFE	Approximately 1 hour
OPEN TIME	1 hour @ 25°C
ADJUSTABILITY TIME	1 hour @ 25°C
LIGHT FOOT TRAFFIC	1 – 2 days
HEAVY FOOT TRAFFIC	3 – 4 days
TENSILE ADHESION	>2.0 N/mm ² (IS : 15477 – 2019)*
SHEAR ADHESION	>6.0 N/mm ² (IS : 15477 – 2019)*
DEFORMABILITY	> 10 mm (IS : 15477 – 2019)*

***Note:** Tests were conducted in accordance with IS 15477 – 2019 and EN 12004 – 2017. Enquire for third party reports.

NOTES

- Patch test recommended before full scale use
- Close container tightly when not in use
- DO NOT MIX WATER. Protect from water.
- Do not freeze.
- Consult with our technical staff for any other queries.