

RESIDENTIAL
& COMMERCIAL

INDUSTRIAL
& MARINE

ART
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SHIMICOAT
SURFACE SOLUTIONS



EPOVIS

Epoxy Viscosifier

Pack Sizes

Pack Sizes	
10Lt	1.3Kg
20Lt	2.6Kg

Description

EPOVIS is Epoxy Viscosifying Fumed Silica, Resin Thickener and Rheology Modifier used to thicken epoxy resin to achieve a smooth, non-sagging, high-strength mixture for coating, structural bonding, filleting and filling. EPOVIS is engineered to provide ideal thickening properties with added thixotropic and sheer thinning properties to make it easy to trowel, screed and apply to any surface.

Features

EPOVIS can be used with any of SHIMICOAT Epoxy or Sealer products offering the following features and benefits:

Features	Benefits
Cost reduction	Over 7% savings on resin, due to optimised surface area to volume ratio.
Super Low Density	Blended products are lighter and more efficient, easier to apply and non-sagging.
Improved Rheology	Less than 50micron in size engineered fume structure with thixotropic sheer thinning properties, offering massive surface contact, easy to roll-on and easy to flow.
Dual Applications	Crack Repair & <i>Filler Materials</i> <i>Screeding, Leveling and Surface Maintenance</i>

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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In addition to above, EPOVIS offers the following benefits:

- Non-Sagging Filler Materials,
- Engineered for high compression strength and high-pressure resistance
- Improved wear and abrasion resistance
- Enhanced acoustic properties owing to its capacity to absorb sound and vibration within the Epoxy matrix
- Improved Fire Rating performance due to its non-combustible nature and super high temperature melting point materials used within the body of Epoxy
- Colour-fast and superior gloss retention
- Ideally bonds to Epoxy
- Highly resistant to chemical attack and pedestrian or vehicular traffic.
- Seamless, easy to clean and maintain.
- Superior Chemical Resistant Finished surface
- Engineered formulation for trafficable area with high mechanical strength
- DIY Friendly, easy to apply and compatible with many resin systems
- Engineered for high compressive strength
- Enhances impact resistance and surface durability.
- Improve wear and abrasion resistant of finished surface.
- Inert, Non-Reactive non-absorbent with all resins.
- Ideally suitable with single or dual pack resin systems
- Dual Applications:
 - **Crack Repair & Filler Materials**
 - **Screeding, Leveling and Surface Maintenance**
- easy to use and apply
- Chemical Resistant (Acid, Alkali and Solvents)
- Acoustic & Noise Insulation
- Easy match to any décor “off-white colour”
- Colour and gloss retention
- Environmentally friendly containing inert inorganic composition
- Modern, Hygiene, Functional and Economical.
- Economical

Usage

Hairline Crack Repair: Mix Ultra Clear Epoxy A&B, add to your desired Viscosity:

Screeding: Same quantity as resin used (100% by volume):

Consistency	% EPOVIS to Epoxy Blend	APPLICATIONS
Slurry	5%	Superfine Hairline Cracks
Low Vis	10%	Screeding
Mid Vis	20%	Moderate Cracks
High Vis	50%	Large Dents

Application

Use any of SHIMICOAT Clear Epoxy Resins, mix at correct ratios and add EPOVIS to your desired viscosity. Mix for 2-3 minutes and apply to your surface within curing time-frame of Epoxy product used.

For example, if using Ultra Clear Epoxy, add 1.0Lt of Part B (Curing Agent) into 2.0Lt of Part A (Resin), mix for 2-3 minutes and add your desired quantity of EPOVIS. Use EpoDil “Epoxy Diluent & Thinner” to wipe and clean your tools and finish surfaces.