

<p>1. DESCRIPTION</p> <p>IMPA TUFFCOTE EPOXY SCRAPERCOAT is a two component solvent blend of epoxy resin and polyamine adducts</p> <p>Repairing and patching defects in concrete such as honeycomb and spalls in concrete walls and floors.</p> <p>2. ADVANTAGES</p> <ul style="list-style-type: none"> Resistant to oils, fuels, water, dilutes chemicals Easily smoothed to finish off. Holds perfectly in overhead work. Non-slump in vertical Needs no priming. Strengths way above surrounding concrete. Non-toxic in water containment. Easily installed by gloved hand <p>3. SURFACE PREPARATION</p> <ul style="list-style-type: none"> Any surface to be repaired with IMPA TUFFCOTE EPOXY SCRAPERCOAT must be clean, mechanically sound and dry. The surface should be chipped to expose main aggregate and in the case of honeycomb, all suspect material must be cut out. The surface must be free of all debris prior to placing the compound. <p>4. LIMITATIONS</p> <ul style="list-style-type: none"> The product will chalk on surface when exposed to direct sunlight <p>5. PRIMING</p> <ul style="list-style-type: none"> Self Priming <p>6. MIXING</p> <ul style="list-style-type: none"> IMPA TUFFCOTE EPOXY SCRAPERCOAT is a heavy paste to the extent that it can only be mixed by kneading with GLOVED HANDS or blending in a concrete mixer. Do not take more than about 5 liter of compound in correct ratio at one time. Mix thoroughly. <p>7. APPLICATION</p> <ul style="list-style-type: none"> IMPA TUFFCOTE EPOXY SCRAPERCOAT should be pressed into place in the repair area, always using GLOVED HAND. The viscosity of IMPA TUFFCOTE EPOXY SCRAPERCOAT is sufficient to hold its place in soffit repairs and on vertical faces. If the void is too big to fill in one placing, leave the contact surface rough to act as a key for subsequent placing once the first application has set. 	<p>HIGH PERFORMANCE FINISHES</p> <p>IMPA TUFFCOTE EPOXY SCRAPERCOAT</p> <p>ISSUED DATE : JUNE 2014 REV 1</p>
<p>TECHNICAL DATA</p>	
<p>GENERAL: <i>Product Code</i> <i>Water Resistance</i> <i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i> <i>Toxicity</i> <i>Solvent Resistance</i> <i>Chemical Resistance</i></p>	<p><i>EP303 (Catalyst)</i> <i>EP304 (Base)</i> <i>Excellent</i> <i>Off-White</i> <i>Semi-gloss</i> <i>24 Months</i> <i>2L & 4L kits</i> <i>150°C</i> <i>Non Toxic</i> <i>Resist aliphatic solvent oils, petrol, diesel & fuel</i> <i>Resists dilute inorganic acids and dilute acids</i></p>
<p>PROPERTIES: <i>Pot life @ 23°C</i> <i>Tensile strength @ 23°C</i> <i>Viscosity</i> <i>Specific weight</i> <i>Solids per volume</i></p>	<p><i>100 – 120 minutes @ 23°C</i> <i>16 mpa</i> <i>Mixed: Paste</i> <i>1.91kg/l</i> <i>100%</i></p>
<p><i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i></p>	<p><i>1m²/L/1mm thick</i> <i>As needed</i></p>
<p>DRYING TIME <i>Touch dry time</i> <i>Practical cured</i> <i>Full cure</i></p>	<p><i>6 Hours at 23°C</i> <i>14 Hours at 23°C</i> <i>4 – 7 Days</i></p>
<p>APPLICATION & MIXING <i>Application method</i> <i>Mixing</i></p>	<p><i>Plaster tool & Paint scraper</i> <i>20 Base: 1Activator by Volume</i></p>
<p><i>Cleaning</i> <i>Mixing if needed</i></p>	<p><i>IMPA Epoxy Thinners</i> <i>IMPA Epoxy Thinners</i></p>

- A final smooth finish may be obtained by trowelling off the surface of the till uncured **IMPA TUFFCOTE EPOXY SCRAPERCOAT** with a water-dampened steel trowel.

8. PRECAUTIONS

In order to limit minor colour variations from batch to batch, it is advisable to use product from the same batch on large open areas batch on large open areas. Batches may be factory blended on request.

- Application should be avoided in moist weather conditions
- Application should be avoided in cold and moist weather conditions.
- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- Extremely cold conditions will make drying time longer
- Paint in area where there is good ventilations
- Do not smoke while painting
- Use only recommended thinner
- Discard any mixed material left over from the previous day

Environmental Health & Safety Information

DANGER! CONTAINS SULFAMIC ACID. CAN BURN EYES AND SKIN. SEVERELY HARMFUL IF SWALLOWED. HARMFUL IF INHALED. AVOID BREATHING IN DUST, MIST OR VAPORS. USE ONLY IN A WELL VENTILATED AREA. MAY CAUSE COUGHING, WHEEZING, THROAT IRRITATION, SHORTNESS OF BREATH, HEADACHE, NAUSEA OR VOMITING. DO NOT MIX CONTENTS WITH CHLORINE BLEACH OR ANY OTHER CLEANING PRODUCT OR DETERGENT. TO DO SO MAY EXPOSE YOU TO DANGEROUS GASES. MIX ONLY IN PLASTIC CONTAINERS.

Wear protective clothing, eyegoggles and acid resistant rubber gloves and footwear. Avoid contact with eyes and skin. **FIRST AID: If Swallowed:** Do not induce vomiting. Have victim drink lots of milk or water if conscious. Get medical attention immediately! **Eye and Skin Contact:** Flush immediately with plenty of water for at least 15 minutes; spread eyelids and occasionally flush underneath them. **Get medical attention immediately!** Remove contaminated clothing and shoes immediately. Wash contaminated clothing before reuse. If experiencing Respiratory Discomfort (e.g., throat irritation, coughing, wheezing): Remove victim to fresh air. Get medical attention immediately!

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean-up**.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always prevail to keep clients informed about changes to be made, but cannot bind ourself to such notes Please ensure the use of the latest Technical Data Sheet.

Please note : that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.impa.co.za. All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.