

### PURPOSE

- Ideal for vertical application to fill blow holes and minor surface defects.
- Surface filler for leveling and aligning frames and inserts.
- Imperfection filler and fair-face scratch coat.

### PROPERTIES

- Superior bond strength to most substrate.
- Non-slump, easy trowelled into blow holes.
- Non-shrink, no sag.
- Chemical resistant to oil, grease, acid, alkaline and salt.
- Improves spread rate of overcoat.
- Superior anchoring for dowel bars and bolts.

### TECHNICAL DATA

|                                            |                                         |
|--------------------------------------------|-----------------------------------------|
| <b>Colour</b>                              | Grey , Beige                            |
| <b>Mixed Density @25°C</b>                 | 1.95 kg / ltr.                          |
| <b>Coverage rate</b>                       | 1.95 kg/m <sup>2</sup> /mm              |
| <b>Bond Strength</b>                       |                                         |
| On concrete:                               | >3Mpa (failure in concrete)             |
| On steel:                                  | >6Mpa                                   |
| <b>Initial cure</b>                        | 16 hrs. @ 20°C<br>6 hrs. @ 35°C         |
| <b>Over-coating Time</b>                   | Up to 24hrs. @ 20°C<br>2-12 hrs. @ 35°C |
| <b>Compressive Strength</b><br>(ASTM C-39) | 86.2Mpa                                 |

### CHEMICAL RESISTANCE

**RESIPUTTY 050EP** has excellent resistance to a wide range of chemical, seawater, freshwater, dilute acid, alkali, sulfur gases, ammonia and formaldehyde.

### TECHNICAL SUPPORT

Rezcoat provides technical services support, to professional bodies, consulting engineers, specifying bodies and on-site contractors, and applicators throughout the Middle-East.

## APPLICATION REQUIREMENTS

### SURFACE PREPARATION

#### CONCRETE – OLD AND NEW

All surfaces must be clean, dry free from oil, dust, grease, water and other contaminants which may inhibit bond. The concrete substrate must be of sound quality. Prior to applying the putty, remove laitance, and stalling or deteriorated concrete. If necessary remove stubborn stains by chemical means to make sure the surface is free from any contaminants. Mechanically remove unsound or weak surface layer, by grinding or grit blasting. The receiving concrete should be free from all foreign deposits and dust particles.

**Metals:** Abrasive blast or grit blast to meet the requirements of BS4232 should be cleaned back to bright steel to SA2½.

#### MIXING

Care is to be taken to ensure **Resiputty 050EP** is thoroughly mixed to obtain homogenous mixture. Mechanical mixing is recommended. A low speed mixer drill with an appropriate mixing paddle is suitable. Mix the Base thoroughly prior to introducing the hardener (preferably in a separate pail) then introduce the Hardener into the homogeneous base and mix the two components thoroughly until they are thoroughly blended to a uniform color and consistency. No part packs are to be used.

#### CLEANING

Tools and equipment should be cleaned with **Resiprime SC111** cleaning solvent. Do not use the solvent for thinning, as it will inhibit the curing of the product.

#### FIRE

**Resiputty 050EP** is non-flammable material. **Resiprime Solvent SC111** contains flammable solvent. Avoid formation of flames and sparks.

### PRIMING

Surface to receive **Resiputty 050EP** may require priming with appropriate primer. Rezcoat can recommend selection of different primers in accordance with condition of the substrate. Please contact technical department for further advice.

### APPLICATION

Apply the mixed putty to the prepared substrate using knife or spatula to fill the void or cavity. The trowelling tool should be utilized to force the **Resiputty 050** into the surface to ensure good bonding to the substrate.

If additional layers are required, the surface of the intermediate layer should be scratched to provide adequate mechanical key for subsequent layers.

### PACKAGING

**Resiputty 050EP** 4 kg. /pack

### STORAGE

Keep in a dry store and shaded area at a temperature below 30°C, **Resiputty 050EP** will have a shelf life in excess of 12 months. If stored at a lower temperature with high humidity, the pot life may be reduced by half the life.

### HEALTH & SAFETY

**Resiputty 050EP** and **Resiprime Solvent SC111** should not come in contact with skin and eyes. Some people are sensitive to resin. Use chemical goggles, PVC gloves and barrier cream. Avoid contact with skin and eyes when handling the products. Do not use solvent for skin remover of resin; instead a cream remover must be used before it gets harden. Should accidental eye contamination occur, wash thoroughly with plenty of water and seek medical advice. Ensure plenty of ventilation when using resin and solvent containing materials.

#### DISCLAIMER

This product is specially formulated and manufactured by Rezayat Protection Coatings Company Ltd (RPCCL) and sold subject to its standard terms and conditions. The information presented herein is accurate to the best of our knowledge. All technical properties quoted forthwith are from laboratory prepared samples and RPCCL reserve the right to alter any of the detail herewith without notice. The users are advised to ensure they possess the latest issue of the datasheet. The information given must not be taken in any way to form a specification. RPCCL will not accept any liability for any consequent or incidental damage arising out of use of the product. All guarantees offered are limited to replacement of defective material only. The use of the products outside of RPCCL recommendation is under user own risk.



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