

3M Scotchkote™ RS 820 Epoxy Screed

Category : Polymer , Thermoset , Epoxy

Material Notes:

Scotchkote Epoxy Sced RS 820 has been specially developed as a three component 100% solids resurfacing screed for application to concrete floor surfaces
 Product Features: Combines good application characteristics with excellent chemical resistance
 Designed for application by trowel for float
 Can be used to form wall/floor covings and can be laid to fails. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchkote-RS-820-Epoxy-Screed.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------|----------|
| Solids Content | 100 % | 100 % | |
| Thickness | 6100 microns | 240 mil | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-----------|------------|--|
| Hardness, Shore D | 75 - 80 | 75 - 80 | ASTM D2240 |
| Tensile Strength at Break | 22.6 MPa | 3280 psi | ASTM D638 |
| Elongation at Break | 15 - 20 % | 15 - 20 % | ASTM D412 |
| Compressive Strength | 86.2 MPa | 12500 psi | ASTM D695 |
| Impact Test | 1.40 J | 1.03 ft-lb | ASTM D2794 |
| Abrasion | 78 | 78 | [mg] per 1000 cycles, 1 kg, CS17 Wheel; ASTM D4060 |

| Processing Properties | Metric | English | Comments |
|-----------------------|-----------|-----------|-----------|
| Cure Time | 480 min | 8.00 hour | Hard Dry |
| | 10100 min | 168 hour | Full Cure |

| Descriptive Properties | Value | Comments |
|------------------------|------------|----------|
| Appearance | Light Gray | |

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