

Technical Information



HERTEC 1130

2-C-abrasion resistant spray POLYUREA

Description:

HERTEC 1130 is a fast set, rapid curing, 100% solids, flexible, two-component polyurea elastomer spray coating material. **HERTEC 1130** is used by itself or in combination with other materials to produce coatings, liners, wearing courses, and resilient surfaces on metal, concrete, and other substrates. **HERTEC 1130** is specifically designed to be used in demanding abrasive installations requiring a flexible coating with good elongation and moderate chemical resistance.

Characteristics:

- 100 % Solid, No VOC's
- 1:1 Mix Ratio by Volume
- High Abrasion Resistance
- Rapid Cure
- Immediate Return to Service
- Temperature Range from -25°C to 150°C
- Minimal Downtime
- Hi Slip

Application:

HERTEC 1130 is a superior coating material designed specifically for industrial applications where abrasion resistance is of the highest priority. **HERTEC 1130** may be used to coat any suitably prepared substrate. **HERTEC 1130** is flexible, accommodating movement of the substrate, yet strong enough to remain intact under all conditions except major structural dislocations. With or without reinforcements **HERTEC 1130** may be used in transitional areas with confidence. **HERTEC 1130** may be used in interior or exterior applications. **HERTEC 1130** is recommended for repair of other films, may be applied to metal and other substrates, in new construction and in cold weather conditions.

Ideal for Applications In: Coal fired power plants, mining – alltypes, coal preparation plants, aggregate processing, pulp & paper, steel mills, aluminium and copper smelters, scrap handling equipment

Limitations:

HERTEC 1130 should not be used for direct contact with extremely high or low pH attack. Composite systems are available. Consult us.

Technical Data:

Mixing ratio A : B	100 : 100by volume (1 : 1)
Solids Content	approx. 100 %
Moisture Vapor Transmission	0,015 perms
Abrasion Resistance, weight loss	< 14 mg loss
Shore D - hardness	50-55
Tensile strength, psi	36 Mpa
Elongation	> 300 %
Tear Strength	900 N/cm
Water absorption, %	0.8 %

All above values are approximate and may be used as a guideline for specifications

Details for application:

Gel time 7	secs
Tack Free	20 secs

Colour:

grey, light grey or black
- due to raw material variations and manufacturing techniques, a slight colour / batch difference may occur -

Storage:

6 months, unopened in original drums under dry conditions and a temperature of 15 - 30°C. At temperature < 15°C crystallisation is possible. Please contact us.

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