

ORMPS (Mining Putty)

Product Description

- 100% solids
- 1:1 by volume
- Polyurea urethane mastic coating
- Contains no VOC's

Primary Applications

- Intended for use as a trowel or brush applied
- coating which can be used for repairing 100% solids
- fast set coating systems or small areas that can be coated using the brush or trowel.

Chemical Resistance

- Good hydrolytic stability to 200° F.
- Excellent resistance to inorganic bases, acids, and hydrocarbon solvents.
- Good resistance to oxygenated and chlorinated solvents.

Toxicity

ISO component contains polymeric isocyanate requiring fresh air supply respirator, gloves and protective clothing if applied by spraying. Protective equipment is not normally needed for brush or trowel application.

Storage Stability

Six months in unopened containers at 50-85° F

Typical Physical Properties

Tensile Strength	ASTMD-41	2500
Hardness (shore D)	ASTM-D-2240	40-45
Tear Strength (PLI)	ASTM D-624	250
Ratio A/B	Volume	1:1
Density B side (dependent on color)		8.5-9.5
Density A side	9.3 lbs/gallon	
Flash Point	above 200° F	
Viscosity A side	950 cps	
Viscosity B side	700 cps	

Mix

1:1 by volume

Coverage: 40 sq ft per gallon @ 40 mils/or 1600 sq ft @ 1 mil

Reactivity and cure time

Reacts to yield a thixotropic consistency in 10-15 seconds. Material then slowly polymerizes to set in 1-2 hours and cures in 16-24 hours. Accelerant can be added for more rapid cure times.

Equipment

Can be applied using heated airless plural component equipment. However, it is normally mixed in small quantities for application by bush or trowel.

Cleaning

Clean equipment with Toluene, Xylene, oxygenated or chlorinated solvents. Fully cured equipment may require Methylene Chloride or M-Pyrol based paint stripper for cleaning.

Color

Standard color is black and white. Custom colors are available.

Accelerant Additive

The accelerant additive may be added to the ORMPH or the ORMPS at the rate of 2-5 drops per pint of mixed product. The number of drops is measured by the number of drops off of a 3/8" to 7/16" wide flat blade screwdriver that has been dipped into the bottle of accelerant. This will speed up the product cure from mix up to tack free and Sandable to about 30 minutes. To adjust this time, add or subtract drops of the accelerant.

Warranty

The technical data and any other printed information furnished by Coating Holdings LTD (CH LTD) are true and accurate to the best of our knowledge. ORMPS conforms to in house quality control procedures and should be considered free of defects. The data provided is believed to be reliable and is offered solely for evaluation. The use of this product is beyond the control of the seller., therefore the buyer assumes all risks of use and handling, whether done in a matter that is in accordance with the provided posted directions or not. CH LTD makes no warranty, expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.

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