



Coating Holdings LTD

1137 W Fond du Lac St
Ripon WI 54971

OR80BM/JF

Product Description

- Two component 1:1 volume, batch mix polyurea hybrid coating
- Long pot life
- Moderate tack free time
- Good hydrolytic stability up to 160° F
- Excellent water resistance
- Good resistance to acids and hydrocarbon solvents
- Fair resistance to oxygenated solvents, chlorinated solvents and inorganic bases
- Excellent abrasion resistance
- Joint

Primary Applications

- Intended for use as a colorfast wearing and waterproofing membrane for pedestrian decks, auto decks, industrial flooring, roofing foam, and metal and built up roofs when used with stone granules.
- Control joint fill

Storage Stability

One year in unopened original containers at 20-90° F. Normally, containers should be used within one week after opening or re-seal with nitrogen blanket.

Color

Standard color is black or clear. Custom colors are available.

Solids

Weight 100% Volume 100%

Typical Physical Properties

Tensile Strength	ASTM D-412	2500
Elongation	ASTM D-412	400%
Hardness (shore A)	ASTM D-2240	85
Tear Strength	ASTM D-624	325 pli
Density B side (dependent on color)	11-12 lbs/gallon	
Density A side	300-400 cps	
Flash point	above 81°F	
Viscosity B side	semi fluid thixotropic liquid	
Viscosity A side	300-400-cps	
Coverage	1280 sq ft/gallon/mil	
Water vapor permeability	0.04 perm inches (1.5mm)	

Mixing

1:1 by volume, best results are obtained by pouring the part A into the mixing container first, and then mix an equal volume of part B into the part A.



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Pot Life and cure time:

Pot life of one gallon quantity is 45 min at 70° F. Higher temps and large quantities will shorten pot life and lower temps and smaller quantities will lengthen pot life. Ready for recoat in 4 hours at 70° F and 24 hours at 40° F. Allow 72 hours after final coat before permitting foot traffic. Coverage rate is 40 square foot per gallon.

Equipment;

Product can be applied by notched trowel, medium nap roller, squeegee or brush, crack fill machine and high pressure.

Warranty

The technical data and any other printed information furnished by Coating Holdings LTD are true and accurate to the best of our knowledge. OR80BMAL 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. Coating Holdings 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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