



Coating Holdings LTD

1137 W Fond du Lac St
Ripon WI 54971

ORPR711

Product Description

ORPR711 is a waterborne epoxy dispersion system delivered with 60% solids in water. It is designed as a two-component, 4:1, ambient-cure epoxy primer system. ORPR711 delivers equal or superior performance when compared to conventional high solid dispersions with lower cost. The unique nature of ORPR711 allows film formation without high levels of coalescing solvent, which enables the formulation to be low-odor and zero VOC's.

Advantages

- Zero VOC's
- Fast dry speed: < 30 minutes
- Long pot life: >3 hours
- Zero induction time
- Early water resistance: 2 hours
- Excellent universal
- Good color and color acceptance
- Excellent gloss and gloss retention
- Excellent stain resistance
- Excellent hardness development
- Low resin viscosity
- Low odor
- Lower cost-in-use
- Easy clean up

Applications

- Floor and wall coating sealer and primer
- OEM, industrial maintenance, institutional, and transportation concrete primer for many different types of topcoats
- Floor sealer
- Foam primer
- Polyurea coating primer

Storage Life

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers. **Do not freeze.**

Typical Properties

Mixed formulation appearance:	Milky White
Appearance, cured film	Clear, Glossy
Solids Content (wt %)	60
Solvent (contains no organic solvents)	Water
Flash point (°C)	>249
Specific Gravity @ 25° C/77° F	1.09
Density weight per gallon	8.9
Color 1 (Gardner)	11-12
Mixing Ratio	4 parts A to 1 part B

Typical Coating Handling Properties

Pot life (hr)	3+
Volume Solids (%)	46
Weight Solids (%)	60
Formulation Viscosity (cP) @ 25° C/77° F	500
Clean up	Warm, soapy water

Typical Coating Performance*

(7 day cure @ 25°C/77° F)	
Pencil Hardness	2H
¼ inch Mandrel Bend	180° F
Direct Impact (in-lb)	4
Salt spray > 1500 hours	pass
1 ASTM D 1544-80	
2 ASTM D 445-83, Brookfield, RVTD, Spindle 4	
3 ASTM D 1475-85	
Moisture vapor transmission 5lbs of H2o per sq.ft. per 24 hours	

Handling Precautions

Do not breathe vapors/dust. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulation. Avoid contact with eyes. Use personal protective equipment. When using, **do not** eat, drink or smoke.

Warranty

Enhanced Flooring Products LLC (EFP LLC) true and accurate to the best of our knowledge. ORPR711 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. EFP LLC 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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