

EASTERN RESINS

NOVA SHIELD

DESCRIPTION:

NOVA SHIELD is a 100% solids, USDA acceptable, highly chemical and temperature resistant novolac coating that is suitable as a broadcast floor coating and can be used as an roll on top or wall liner. NOVA SHIELD provides a tough, chemical and abrasion resistant surface for concrete and wood surfaces.

TYPICAL USES:

Bonding agent for novolac mortars
Roll on top or wall coatings
Broadcast coating for industrial traffic
Binder for mortar

VISCOSITY: (@72°F)

Part A: 1200 cps
Part B: 475 cps
Mixed: 800cps

COLORS:

9 standard colors

FEATURES:

Convenient 2 to 1 ratio by volume
Resistant to most concentrated reagents
Self-leveling and air releasing
USDA Acceptable

MIX RATIO BY VOLUME:

2 parts A to 1 part B (by volume)

CURE SCHEDULE:

Pot life @ 75°F:	15 min.
Tack free:	3 hours
Foot Traffic:	6 hours
Forklift Traffic:	7 hours
Chemical exposure (intermittent)	3 days
Chemical immersion (continuous)	10 days

PHYSICAL PROPERTIES:

Compressive Strength	ASTM D695	14,000 psi
Tensile Strength	ASTM D 638	6,800 psi
Elongation at Break	ASTM D-638	10%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.10 gm loss
Water Absorption (2 hour Boil)	ASTM D570	0.09%
Flexural Strength	ASTM D790	9,600 psi
Shore D Hardness	ASTM D2240	96+
Heat Distortion Temperature	ASTM D648	150°F
Bond Strength to : Concrete and asphalt (dry)		100% substrate failure

SEE CHEMICAL RESISTANCE GUIDE IN CATALOG

Note:

It is the users responsibility to test the product to determine its suitability for their intended purpose.

WARRANTY

Eastern Resins Corp. warrants only that this product meets the quality and technical standards noted in its current product literature. Eastern Resins Corp. cannot be held responsible for circumstances outside of its control including but not limited to other materials, product handling, mixing, product storage