

ENCAPSALL SUPER™

Industrial Protective Coating



Performance
Coatings & Sealants
Systems

DESCRIPTION

ENCAPSALL SUPER is a very tough, protective, urethane coating that is especially designed for industrial applications, including secondary containment areas, pipelines, valves and transfer pits. Fortified with iron oxide, ENCAPSALL SUPER cures to a rubber-like, waterproof, seamless membrane that possesses exceptional strength and elasticity.

OUTSTANDING FEATURES

- ✓ Can be used over metal, concrete, masonry, brick, rubber, asphalt, wood, tile and other surfaces
- ✓ Produces a fully adhered, seamless, high density, waterproofing membrane
- ✓ Resistant to attack from most industrial chemicals, gasoline, acids, alkalis, and detergents
- ✓ Protects substrate against rust, corrosion and fungal attack
- ✓ Will not deteriorate from exposure to UV radiation, bacteria or other environmental conditions
- ✓ Easy to apply directly out of the container by brush, roller or airless spray
- ✓ Remains flexible, tough and weatherproof at low temperatures
- ✓ Highly penetrative and workable

- ✓ Rapidly develops high tensile strength and elongation

APPLICATION

All surfaces to be treated must be clean, dry and free of loose debris, oils, grease and any substance that would interfere with proper bond. A careful inspection of the surface should be made to detect any signs of damage or defects and all repairs should be completed before application of product. Porous surfaces and certain bituminous surfaces require a priming coat. Contact our Technical Department for details and primer recommendations.

ENCAPSALL SUPER may be applied straight from the pail using brush, roller, or spray technique after 2 minutes of

slow power stirring. ENCAPSALL SUPER is applied in 2 coats at a thickness of 16 wet mils per coat. Tools may be cleaned after use in any aromatic solvent.

PRECAUTIONS

Contains solvent and reactive isocyanate groups. It is recommended that proper safety equipment such as rubber gloves and chemical splash goggles be worn when handling this product. Inhalation should be avoided. Persons with known respiratory allergies should avoid exposure to this product. Avoid contact with skin and eyes. In case of contact, flush with large amounts of water for 15 minutes. Do not ingest. If inhaled, swallowed, or in case of eye contact, get immediate medical attention.

SPECIFICATIONS	
Coating Type	Moisture-cure micaceous iron oxide modified urethane
VOC	200 grams/liter
Pot Life	Single component
Shelf Life	12 months
Recommended Thickness	30 mils dry film thickness
Coverage	50 square feet per gallon
Packaging	1 gallon, 5 gallons, and 55 gallons
Color	Black

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LIMITATIONS

Black surfaces tend to absorb heat which is transmitted through the structure. To prevent heat buildup, Andek recommends an application of Silver Film over the ENCAPSALL SUPER. Keep ENCAPSALL SUPER pails away from direct

sunlight. This product is a moisture-curing urethane and is packaged in specially sealed and air excluded drums. If damaged, air and moisture vapor may enter and cause premature curing. Care should be taken to avoid creating part full containers.

MAINTENANCE

Damaged ENCAPSALL SUPER may be recoated after thorough cleaning and light sanding.

TECHNICAL DATA

Moisture Vapor Transmission	8.4 gms/M2/24 hrs (0.715 perms)	ASTM E-96
Tensile - 24 hour cure	256 lbs/square inch	ASTM D-412
Tensile - simulated aging	585 lbs/square inch	ASTM D-412
Elongation - 24 hour cure	400%	ASTM D-412
Elongation - simulated aging	340%	ASTM D-412
Flexibility at Low Temperatures	180° bend @ 20°F	ASTM C-711
Flashpoint	105°F	FTMS 141A(M4293)
Solids Content	90% (B.W.); 93% (B.V.)	ASTM D-1044
Shore 'A' - 24 hour cure	48	ASTM D-2240
Shore 'A' - simulated aging	55	ASTM D-2240
Impact Resistance	4m indentation, no cracking or loss of adhesion	BS3900 Part 3
Weatherometer	No significant effect after 3000 hours	
Cure Time	24 hours @ 70°F (70% R.H.)	

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