

VAROCOAT HSC - A90P/R

Ultra Fast Curing Polyurea
Spray Coating System

DESCRIPTION VAROCOAT HSC-A90P/R polyurea spray elastomers are two - component, fast curing, 100% solids coatings. Both components are low viscosity fluids, which react very quickly to form a tough polymer. These components are mixed and applied using heated plural component airless spray equipment. The cured material is characterized by high physical properties, outstanding chemical and solvent resistance and usability under wide climatic conditions with outstanding durability.

APPLICATION Some applicable uses would include, but not be limited to, the following:

- Lining steel, masonry or wood tanks, silos, pipes and flumes.
- Application to geotextiles to form ponds, contain spills, prevent escape of effluents and prevent loss of water or petroleum products.
- Provides tough, abrasion, chemical and corrosion-resistant liner for truck beds and under carriages.
- May be used to repair or replace existing containment liners.

**COMPOSITION
AND
PROPERTIES of
GOODS**

Division	HSC-A90P(ISO)	HSC-A90R(Mixture)
Appearance	Yellowish Liquid	Colored Liquid
Viscosity(cps/25)	400-1,000	400-1,000
Solid Content(%)	100	100
Mixing Ratio(v/v)	100	100
Tack Free Time(sec)	5 - 15	
Curing Time(min)	2 - 5	
Tensile St.(kgf/cm ²)	140 ? 200	
Tear St.(kgf/cm)	50 ? 80	
Elongation(%)	300 ? 600	
Hardness(Shore A)	90 ± 5	

APPLICATION METHOD Handling floor surface ≧ Fully cure ≧ Primer Coating ≧ RIM Spray ≧ (when need) Spray Top Coating(0.2-0.3Kg/m²)

APPLICATION CONDITION Applicable temperature of floor surface : 0 - 55
Remove the radiance, dust and oils from floor surface.
For cracked spot or penetrated pipe circumference, make groove and apply with sealing agent.
If projected or senility place remains, remove them from surface with grinder.
Recommended Equipment : over grade of GUSMER H-2000