

## HTS 7087

### 100% SOLIDS FAST SET COATING

#### DESCRIPTION

HTS 7087 is a 100% solids two-component fast set spray applied coating system. This system forms a tough, durable, elastomeric membrane with outstanding physical properties. HTS 7087 offers superb dependability for a broad range of applications and is supplied in a convenient low viscosity, 1:1 mix ratio by volume. The physical characteristics of HTS 7087 allows for superior performance over concrete or polyurethane foam substrates.

HTS 7087 can be used for projects over various substrates including: urethane foam, wood, metal, fabric, concrete. HTS 7087 is ideal for use as an extremely tough and durable coating for applications involving water treatment plants or rock and soil stabilization of mine shafts for safety and to help prevent soil erosion. Heated high pressure plural component pumps are required for application of HTS 7087. Consult HTS for specific recommendations on surface preparations.

#### RECOMMENDED USES

Water Treatment Plants  
Containment Liners  
Urethane Foam Protection  
Environmental Covers  
Berm Liners  
Repair for Existing Liners  
Digester Gas-proofing  
Urethane Roofing Systems  
Tank Linings  
Rock Stabilization

#### ORDERING INFORMATION

10 GALLON KITS  
110 GALLON KITS  
Standard colour is Black.  
Colours are available

#### FREIGHT CLASSIFICATION

Non - regulated

#### TYPICAL WET PROPERTIES

	ISO	POLYOL
Viscosity at 25 C	850 cps	1000 cps
Solids: By Weight	100 %	100 %
By Volume	100 %	100 %
VOC	0	0
Flash Point	>200 C	>200 C
Appearance	Clear Liquid	Amber Liquid
Weight per US Gal.	8.5 LBS $\pm$ .5	9.5 LBS $\pm$ .5
Shelf Life-unopened	9 Months	12 Months

## FEATURES

**IMPACT RESISTANCE:** HTS 7087 is a flexible elastomer and can be easily applied to produce a thick membrane for abrasion and impact protection of softer substrates.

**COLD TEMPERATURE TOLERANCE:** HTS 7087 exhibits flexibility at temperatures to -50 C making this an ideal product for extreme northern applications.

**U.V. STABILITY:** HTS 7087 is an aromatic poly urea coating. The membrane can be left exposed to UV and maintain its structural integrity although some discolouration can occur in colours other than black.

**SUBSTRATE VERSATILITY:** HTS 7087 can be applied to a wide variety of substrates with proper surface preparation and primers. Consult HTS for specific recommendations.

**CONVENIENT MIXING RATIO:** HTS 7087 is supplied in a convenient 1:1 mixing ratio by volume. This product must be sprayed through heated high pressure plural component spray equipment. Consult HTS for application directions.

## PHYSICAL PROPERTIES OF CURED MATERIALS

PROPERTY	ASTM TEST	VALUE
Tensile Strength - film	D 412	1800 PSI $\pm$ 100
Elongation	D 412	200 %
Hardness	D 2240	87 Shore A
Permeability	E 96 "B"	.013 Metric Perms
Low Temperature Resistance	D1737 1/2" Bend	Rated to - 50 C
Taber Abrasion	D 4060	429 mg lost per 1000 cycles
Split Tear	D 1938	224 LB F/IN
Weatherability		2000 Hours-Passed

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