



Product Data Sheet (PDS):

GacoFlex™ H27 Series
Revised: 10/2022

**GACOFLEX™ H27 SERIES –
HYPALON* COATING**

A. DESCRIPTION:

Gacoflex H-27 Hypalon is a lead free, air curing, liquid coating. It is designed to yield an elastomeric film of good wear, weather resistance and durability that will resist most chemical environments.

B. RECOMMENDED USE:

Used as weathering top coat over various primers and elastomeric base coats, including neoprene and polyurethane. Typical uses include roofing over concrete, plywood.

C. PACKAGED PRODUCT DATA:

PROPERTY	DESCRIPTION
COLOR	H2700 – White Federal Standard 595 Color 27886
	H2721 – Black Federal Standard 595 Color 27038
CONSISTENCY	Moderately bodied, suitable for roller, brush or spray application
THEORETICAL COVERAGE	390 – 410 ft ² / gal / Mil (36.2 – 38.1 m ² / 3.8 L / 0.02 mm)
SOLIDS	By Weight:
	1.) H2700 – White: 29.8 ± 1 Method 4041 2.) H2721 – Black: 27.4 ± 1 Fed. Std. 141
STORAGE STABILITY	Six months from date of shipment – in sealed containers – when stored below 80 °F (27 °C)
TOXICITY**	COMPONENT “A”: Hypalon Coating (H2700 – White & H2721 – Black): Prolonged exposure may cause chronic effects. May cause allergic skin reaction. Dermatitis. Rash. Causes skin irritation. May cause redness and pain. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
	COMPONENT “B”: Hypalon Activator (HYP-ACT-1Z) Prolonged exposure may cause chronic effects. Suspected of causing cancer. May cause damage to organs (lungs) through prolonged or repeated (inhalation) exposure. Aspiration may cause pulmonary edema and pneumonitis. Causes severe skin burns. Burning pain and severe corrosive skin damage. Harmful in contact with skin. May cause allergic skin reaction. Dermatitis. Rash. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Difficulty breathing. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
	Animal tests and other research indicate that skin contact with MDI can play a role in causing isocyanate sensitization and respiratory reaction. Lung damage and respiratory sensitization may be permanent.
V.O.C.	0 g / L EPA Method 24
FLASH POINT	109 °F (43 °C) T.C.C. ASTM D56

VISCOSITY	82 – 95 KUs @ 77°F (25°C)	ASTM D562
ADHESION	Has excellent adhesion to plywood and concrete.	
TACK FREE	90 minutes	Fed. Std. 141 Method 4061.1

D. APPLIED PRODUCT DATA:

PROPERTY	TEST	REQUIREMENT	RESULT
SHELF LIFE (ACTIVATOR ADDED)	Product must be applied within 90 minutes of adding activator to Hypalon coating. Any remaining product should not be applied and disposed of in accordance with all applicable codes and laws.		
CHEMICAL RESISTANCE	Excellent salt and acid resistance, good alkali and solvent resistance		
WEATHERABILITY	Good when applied in accordance with application procedures,		
OZONE RESISTANCE	ASTM D-1149	7 days @ 3 ppm @ 100 °F (38 °C), 20% elongation	No Effect
TENSILE	ASTM D-412-68	STRENGTH	700 psi (4.83 MPa)
		ELONGATION	350 %
		PERMANENT SET AT BREAK	20 %
HARDNESS (CURED)	ASTM D-2240	78 to 83 Shore A	Pass
WATER ABSORPTION	ASTM D-471	4.0 % Max.	Pass
WATER VAPOR PERMEABILITY	ASTM E-96-66 Method B, 100% R.H. Difference 7 days @ room temperature	0.0030 Perm In (0.1 mm) Max.	Pass

E. APPLICATION:

STAGE	INSTRUCTIONS
THINNING	<p>Thinner is not required when applying at typical ambient temperature.</p> <p>NOTE: <i>FOR COLD WEATHER APPLICATION ONLY</i> – up to 10 % thinning is permissible. Use as little thinner as possible to achieve the best possible application of product.</p>
APPLICATION	<p>May be brushed or roller coated at package consistency. During cool, damp weather, the tendency to sag is increased and additional thinner coats may be required to achieve the specified coverage.</p> <p>NOTE: If thinner is used, adjust the theoretical coverage of this coating accordingly to ensure complete and consistent application.</p>
RE-COAT	<p>This product has a recoat window of 8 – 24 hours depending on ambient temperature and humidity. Allow 24 hours (at 75 °F (23.9 °C)) for ideal recoat application.</p> <p>NOTE: If coating is left for more than 24 hours before recoating, surface must be cleaned of any debris or dirt and dried before work proceeds.</p>

STAGE	INSTRUCTIONS
ACHIEVEMENT OF MAXIMUM TENSILE PROPERTIES	This product will achieve maximum tensile properties after 1 month at normal room temperature. Any surface coated with this product should not be used until the product achieves maximum tensile properties of this is the intended use case.

** Hypalon is a registered trademark of DuPont for Chlorosulfonated Polyethylene*

*** For specific Health and Safety information please refer to applicable Safety Data Sheet (SDS)*