



Product Data Sheet

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H-25
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(Supersedes 01/01)

GACOFLEX H-25 SERIES HYPALON* COATINGS

- DESCRIPTION:** GacoFlex H-25 Hypalon is a lead free, air curing, liquid coatings. It is designed to yield an elastomeric film of good wear, weather resistance and durability that will resist most chemical environments.
- USAGE:** This Hypalon coating is used as weathering top coat over various primers and elastomeric base coats, including neoprene and polyurethane. Typical uses include roofing over concrete, plywood.
- CONSISTENCY:** Moderately bodied, suitable for roller, brush or spray application.
- STANDARD COLORS:** H-2500 White. Special colors available.

APPLIED PRODUCT DATA

- WEATHERABILITY:** Good.
- CHEMICAL RESISTANCE:** Excellent salt and acid resistance, good alkali and solvent resistance.
- TENSILE:** ASTM D-412-68
 Strength: 700 psi (4.83 MPa) These values determined using
 Elongation: 350% H-2500 White.
 Permanent Set at Break: 20% Other colors may vary.
- REFLECTIVITY:** H-2500 WHITE ASTM E-903 84.3%
- HARDNESS, CURED:** ASTM D-2240 78 to 83 Shore A
- WATER ABSORPTION:** ASTM D-471 4.0% Max.
- WATER VAPOR PERMEABILITY:** ASTM E-96-66 0.0030 Perm Inches (.08 mm) Max.
 Method B, 100% R.H. Difference
 7 days at room temperature
- FLAMMABILITY:** UL 790 - Composite films consisting of 12 to 13 mils (.3 mm) GacoFlex N-1400 series neoprene covered with 6 to 7 mils (.18 mm) GacoFlex H-25 series Hypalon meets Class A requirements of UL 790 on non-combustible substrates and Class C requirements on plywood roofs of 3/8" (1 cm) thickness. See UL listing for full information.

* duPont's registered trademark for Chlorosulfonated Polyethylene.

PACKAGED PRODUCT DATA

COVERAGE:	400 square feet per gallon 1 mil. dry film thickness (9.82 m ² / L / .025 mm).		
SOLIDS:	Weight :	Method 4041	28 ± 1%.
		Fed. Std. 141	
	Volume:		25 ± 1%.
V.O.C. :	Meets California V.O.C. requirements (excluding South Coast Air District); V.O.C. is 243 ± 3 grams per liter.		
TOXICITY:	Contains xylene The product label includes handling instructions.		
FLASH POINT:	ASTM D-56		50°F (10°C) T.C.C.
ADHESION:	Has excellent adhesion to plywood, concrete, GacoFlex E-53 series primers, and all GacoFlex elastomers except LM-60H/V.		
STORAGE STABILITY:	One year from date of manufacture in sealed containers when stored below 80°F (27°C).		
THINNER AND CLEANER:	Gaco Western's T-5125 thinner		

APPLICATION

Optimum coating time over neoprene is one to two days, and over Hypalon is 8 to 24 hours. If longer interval passes, coated surface must be cleaned and dried before work proceeds.

May be brushed or roller coated at package consistency. Up to 10% thinning is permissible for cold weather application. During cool, damp weather, the tendency to sag is increased and additional thinner coats may be required to achieve the specified coverage. Cure can be accelerated to achieve full cure at 75°F (24°C).

H-25 series as received can normally be applied by airless spray or internal mix conventional spray equipment. In either case, thinning up to 25% may be required, depending on equipment and temperature. See general instructions for spray equipment recommendations. Refer to Gaco Western, Inc. General Instructions SG-H for spraying instructions.