



HI-BUILD TNAME-GLOSS SERIES 2H

PRODUCT PROFILE

GENERIC DESCRIPTION Alkyd
COMMON USAGE High gloss industrial enamel offering good flow, hiding and protection for recommended surfaces in mild to moderately severe exposures. Not for use on surfaces that are continually wet or sweat frequently.
COLORS Refer to Tnemec Color Guide.
FINISH Gloss
PERFORMANCE CRITERIA Extensive test data available. Contact your Tnemec representative for specific test results.

COATING SYSTEM

PRIMERS **Steel:** Series 1, 10, 37H, 66, N69, 88HS, 530
Galvanized Steel and Non-Ferrous Metal: Series 66 or N69. **Note:** Series 66 or N69 exterior exposed for 3 weeks or longer requires an epoxy-polyamide intermediate coat or scarification prior to topcoating with 2H. Brush blasting with fine abrasive is the preferred method of scarification.
Drywall: 51-792
Wood: Series 36-603

SURFACE PREPARATION

ALL SURFACES Must be clean, dry and free of oil, grease and other contaminants. Remove rust and paint not tightly bonded. Spot prime.

TECHNICAL DATA

VOLUME SOLIDS 49.0 ± 2.0% †
RECOMMENDED DFT 1.5 to 3.5 mils (40 to 90 microns) per coat. **Note:** Number of coats required will vary depending on color, substrate (surface) and other variables. Contact your Tnemec representative.

CURING TIME	Temperature	To Touch	To Handle	To Recoat
		75°F (24°C)	6-9 hours	10-16 hours

Curing time varies with surface temperature, air movement, humidity and film thickness.
Water Tank Exteriors: Five days or more curing time required before filling with water.

VOLATILE ORGANIC COMPOUNDS **Unthinned:** 3.21 lbs/gallon (384 grams/litre)
Thinned 8%: 3.45 lbs/gallon (413 grams/litre) †
THEORETICAL COVERAGE 786 mil sq ft/gal (19.3 m²/L at 25 microns). See APPLICATION for coverage rates. †
NUMBER OF COMPONENTS One
PACKAGING 55 gallon (208.2L) drums, 5 gallon (18.9L) pails and 1 gallon (3.79L) cans.
NET WEIGHT PER GALLON 9.60 ± 0.25 lbs (4.35 ± .11 kg) †
STORAGE TEMPERATURE Minimum 20°F (-7°C) Maximum 110°F (43°C)
TEMPERATURE RESISTANCE (Dry) Continuous 200°F (93°C) Intermittent 250°F (121°C)
SHELF LIFE 24 months at recommended storage temperature.
FLASH POINT - SETA 100°F (38°C)
HEALTH & SAFETY Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

APPLICATION

COVERAGE RATES	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m ² /Gal)
	Suggested	1.5 (40)	3.0 (75)
Minimum	1.5 (40)	3.0 (75)	524 (48.7)
Maximum	3.5 (90)	7.0 (180)	225 (20.9)

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

MIXING Stir thoroughly, making sure no pigment remains on the bottom of the can.
THINNING Use No. 1 Thinner or mineral spirits. For air spray, airless spray, brush or roller, thin up to 8% or 2/3 pint (302 mL) per gallon.

HI-BUILD TNEME-GLOSS | SERIES 2H

APPLICATION EQUIPMENT

Air Spray

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss MBC or JGA	E	78	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	40-70 psi (2.8-4.8 bar)	10-20 psi (0.7-1.4 bar)

Low temperatures or longer hoses require higher pot pressure.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.013"-0.017" (330-430 microns)	2800-3500 psi (193-241 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

Roller: Use high quality synthetic nap covers. Use 1/4" to 1/2" (6.4 mm to 12.7 mm) nap, depending on surface roughness.

Brush: Use high quality natural or synthetic bristle brushes.

SURFACE TEMPERATURE

Minimum 40°F (4°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (3°C) above the dew point.

CLEANUP

Flush and clean all equipment immediately after use with the recommended thinner or mineral spirits.

† Values may vary with color.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Tnemec Company, Inc. warrants only that its coatings represented herein meet the formulation standards of Tnemec Company, Inc. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Tnemec Company, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Tnemec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.