



# LV-AR42 TORGLAZE

URETHANE; POLYURETHANE: MOISTURE CURE  
SOLVENTBASE AROMATIC POLYETHER, GLOSS

**DESCRIPTION:** LV-AR42 TORGLAZE is an oil-free, one component aromatic, moisture curing polyurethane resin. LV-AR42 TORGLAZE provides a tough, hard coating. It is a superior single component aromatic coating that outperforms many two-component products currently available.

- BENEFITS:**
- Low VOC meets 350 g/l standards
  - Ease of application that assures quick, smooth finishes
  - Excellent gloss retention for easy maintenance
  - Stain resistance for longer lasting coats
  - Superior impact resistance for durability
  - Chemical resistance for durability
  - Single component for no mixing and metering
  - Fast drying for efficient application time
  - Longer open time to help eliminate bubbles on application and cure in high humidity, high temperature environments

**STORAGE & HANDLING:** LV-AR42 TORGLAZE is a moisture cure, NCO terminated material; as such, any opened container that is exposed to moisture will gel and/or become solid. If moisture is introduced, use the product immediately. Any container, once opened, should be resealed with a nitrogen blanket. LV-AR42 TORGLAZE should be applied at temperatures greater than 50°F. The higher the humidity and the temperature, the faster LV-AR42 TORGLAZE will cure. Under normal conditions of 60°F and 90°F and relative humidity above 35%, coatings made from LV-AR42 TORGLAZE can be walked on in 5-12 hours. LV-AR42 TORGLAZE can be recoated when tack free to foil in 3-10 hours after application. A good quality brush or mohair roller, kept well filled will insure an even coat. All finish coats should be applied within 24 hours. LV-AR42 TORGLAZE HAS A SHELF LIFE OF 6 MONTHS.

**TECHNICAL DATA:**

TECHNICAL PROPERTIES	
% Solids	40 - 43%
Viscosity (@ 25°C)	50 - 100 cps
% NCO	2.7 - 3.3
Weight/Gallon	8.4 - 8.6 lbs.
VOC Rating (gms/liter)	289
Color	Clear

PHYSICAL PROPERTIES	
Elongation <sup>2</sup>	85%
Hardness (Sward)	38
Gloss @ 60°	88
Tensile Strength <sup>2</sup>	5,000 psi
Impact Resistance (direct)	160 inch pounds
Impact Resistance (reverse)	140 inch pounds

**DRY TIMES:**

Set to touch <sup>3</sup>	5 - 20 min.
Surface dry <sup>3</sup>	60 - 90 min.
Hard dry <sup>3</sup>	3 - 6 hours

**CAUTION:** LV-AR42 TORGLAZE contains flammable liquids. KEEP AWAY FROM HEAT, SPARKS AND FIRE. Do not leave container open. Avoid prolonged or repeated breathing of vapor and/or repeated or prolonged contact of liquid with skin.

**ASTM TEST METHODS**

% Solids - D-2369	Hardness - D-2134
Viscosity - D-2196	Tensile - D-412
Abrasion - D-4060	Wt./Gallon - D-1475
Elongation - D-412	VOC Properties D-3960

<sup>1</sup>Taber Abrasion Weight Loss 1000 gram load/1000 cycles

<sup>2</sup>Instron tester; films pulled at 2 inches per minute