



# LaySilver

## Reflective PU Coating for Waterproofing and Heat Insulation

**PRODUCT DESCRIPTION:** LaySilver is a liquid applied, single component moisture-cured polyurethane. Due to its elastomeric and solar reflective aluminum color, LaySilver exhibits excellent ultra violet and ozone resistance that provides good heat insulation, weather resistance, and waterproofing.

**USES:** Used over polyurethane sprayed foam insulation roof system, over concrete substrates, and over roof sheeting. It retains its flexibility at extreme temperatures.

**ADVANTAGES:** Protects against water seepage and dampness while providing good heat insulation.

### LIMITATIONS:

frozen or frost covered surfaces, or under adverse weather conditions such as very hot or windy or rainy weather.

**PREPARATION:** Surface to be coated must be clean and dry. Remove all dirt, grease, grime, paint or other defective materials by chipping, blasting or grinding. Also, remove mineral salts, scum, fungus or efflorescence. Repair all holes, cracks and spalled areas with patching mortar.

**APPLICATION:** Application can be made by brush, short haired roller or airless spray equipment.

### BASE COAT

Apply a base coat at a thickness of approx. 700 micron DFT. Ensure that the corners between vertical and horizontal surfaces are evenly coated so that the material extends 100 mm onto both surfaces. The base coat should be allowed to cure a minimum of twenty four (24) hours prior to the succeeding coat application.

### TOP COAT

Apply the topcoat when the base coat has cured. The topcoat should be applied at a thickness of approx. 300 micron.

**COMPOSITIONS AND MATERIALS:** Elastomeric polyurethane, reflective compound and other ingredients.

**PACKAGING:** Packaged in 20 Kg Drum.

**COLORS:** Grey Silver.

**APPLICABLE STANDARDS:** LaySilver meet or exceed A.S.T.M. standards ASTM D 412, D 412, D 834, D 2240, D 1653, B 117, G 23, and D 471

**PRECAUTIONS:** Avoid contact with skin. In case of contact wash thoroughly with water. For eyes, get medical attention. Keep out of reach of children.



**CLEANING:** Clean with MEK or Xylene.

**STORAGE LIFE:** One year if stored in cool, dry location.. Close partially used drums tightly.

**MAINTENANCE:** LaySilver is maintenance-free and permanent. If damaged, it may be removed with MEK and re-applied.

*Email: [laymaster@laymaster.net](mailto:laymaster@laymaster.net)*

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