

ACRYLIC SEALANT Lag Coating GI3036

CHARACTERISTICS

- Good adhesion and high strength
- Good abrasion and impact resistance
- Non-toxic and non-flammable
- Low VOC
- UV resistant and washable
- Compatible with Polystyrene and Polyurethane Foam
- Easy to apply and excellent brushing characteristics
- Anti-fungus

SCOPE OF USE

Recommended as a protective indoor lag coating and finish for insulation materials in combination with reinforcing fabric e.g. canvas cloth on air conditioning ducts (e.g. GI Sheets) and cold water piping. Its special formulation meets the requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings (VOC: 15 g/l, less water and exempt solvents) and allows the application on Polystyrene or Polyurethane foam and the application to the joint or edges of fibrous duct liner insulations to seal and prevent air erosion. **Please note:** Whenever high air humidity is present or high weather resistance is required, the use of specialized coatings is required. Please contact our technical department for further information.

APPLICATION

Mixing and Substrate Preparation:

ACRYLIC SEALANT (Lag Coating GI3036) is ready to use and only requires mixing with stirrer before use. Do not dilute the product with water. Apply the product to clean and dry surfaces. Always close the container when not in use.

Application procedure:

Apply a first coat (tack coat) of ACRYLIC SEALANT (Lag Coating GI3036) to the insulation material by brush at



a rate of 3 to 3.5 m² per liter. After the application of the first coat, imbed the selected lagging fabric into the wet coating. It is recommended to smooth the fabric with hand or brush to avoid any wrinkles and overlap seams by at least 5cm. Apply a finish coat at 3 to 3.5 m² per liter as second coat. It is important, that each coat of ACRYLIC SEALANT (Lag Coating GI3036) is fully cured before applying the next coat. Please note that the final dry film thickness may vary with the selected lagging fabric.

Cleaning:

Use clean fresh water for cleaning brushes and equipment before product dries. Dried-up product may be removed with hot soapy water or strong solvents.

PACKAGING INFORMATION

Packaging Size	Packaging Type	Pieces/ Carton	IDH	Country of Origin
5 US Gallon	Bucket	-	1772137	UAE

STORAGE & SHELF LIFE

This product should be stored in its original packaging in a cool, dry place, protected from frost, sparks, flames and direct sunlight. Keep away from children. Shelf life: 12 months from manufacturing date.

HEALTH & SAFETY

Irritating to the eyes and skin. Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. Keep out of reach of children. Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show this container or label.

TECHNICAL DATA

Property	Value
Appearance	White Thixotropic Paste
Service temperature [°C]	-18 to 120
Chemical resistance	Excellent
UV resistance	Excellent
Cure film	Flexible, Tough
Insulation properties	Excellent
Coverage [m ² /l]	3 to 5 @ 150 to 210 DFT
Specific gravity [kg/l]	1.35±0.15 ASTM D 1475-98
Solid content [%]	60±3 ASTM D 1644-01
Viscosity [cPs]	25000-60000 ASTM D 2196
Flash point [°C]	>100 ASTM D 93
VOC content [g/l]	<0.01 ASTM D 2369-98
Water permeance [Perms]	1.3 ASTM F 1249
Drying time [hrs]	2 ASTM D 1640

The above information, in particular recommendations for the handling and use of our products, is based on our professional knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for the intended application method and use. Legal liability cannot be accepted on the basis of the contents of this technical data sheet or any verbal advice given unless there is evidence of wilful intent or gross negligence on our part.

This technical data sheet supersedes all previous editions relevant to this product.