



STARBOND UL 30-36

(Thermal Insulation Duct Coating)

DESCRIPTION

STARBOND UL 30-36 is a tough and flexible adhesive and sealant, forming a durable seal against air leakage. Due to its excellent water, U.V. and abrasion- resistance it can be used on metal duct in outdoor as well as indoor thermal insulations.

SURFACE PREPARATION

The surface should be clean, dry and free from oil, grease and loose particles.

APPLICATION METHOD

Apply a tack coat of **STARBOND UL 30-36** @ 4 to 6 m² per liter. After applying tack coat immediately imbed the selected lagging fabric smoothly in to the wet coating. Apply two finish coat of **STARBOND UL 30-36** at rate of 5 to 6 m² / liter. It is very important to ensure that each coat of **STARBOND UL 30-36** is totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.

MODE OF APPLICATION

Brush- Use suitable paint brush and apply with full brush and spread out evenly.

Roller- Use medium size paint roller and dipped fully and spread out evenly.

Spray- **STARBOND UL 30-36** can be applied with airless spray. For airless equipment information, please contact your equipment supplier followed by product viscosity mentioned in data.

COVERAGE

At an average of 4 to 6 m² /per liter @ 150 to 210 DFT. depending upon the method of application.

ADVANTAGES

- Good adhesion and high strength.
- Water resistant can be washed with mild soap.
- Non-toxic & non- flammable.
- UV resistance.
- Chemical resistance.

- Antifungal & antibacterial.
- Suitable to middle east climatic condition.
- High temperature resistance.
- Highly waterproof.

CLEANING:

Clean all the tools immediately with clean water.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>35⁰C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

PACKING:

STARBOND UL 30-36 is available in 25 kg air tight Plastic Pail and 4 kg Plastic Bucket.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.





TECHNICAL DATA

Base	Special synthetic resin
No. of component	One
Color	White
Consistency	Thixotropic like paste
Non volatile Content	As per guidelines of ASTM D 1644-01
Viscosity (Brookfield) @ 25 ⁰ C, rpm 10, S 7	25000 to 50000 cps
Specific gravity	As per guidelines of ASTM 1475-98
Bonding time	45 minutes (at 20 ⁰ c, 50% rel. humidity) 20 ⁰ c, 50% rel. humidity)
Drying time	3 to 4 hours temp. * depending on ambient As per guidelines of ASTM D 1640-03
Service temp.	Up to 234 ⁰ F (112 ⁰ C)
Surface burning characteristics	As per guideline ASTM E 84 Flame spread- 35 Smoke developed- 300
Water permeance (perms)	As per guideline ASTM E-96 Inch pound unit
Cured film	Flexible, tough
Water tightness	Excellent
Chemical resistance	Good
Insulation properties	Excellent
UV resistivity	Excellent

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.



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