

STARBOND 30 - 36

(Fire resistant (UL 723) Thermal Insulation Protective Coating)

DESCRIPTION

STARBOND 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 in outdoors as well as indoors in thermal insulation system on metal duct.

SURFACE PREPARATION

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

APPLICATION METHOD

Apply a tack coat of **STARBOND 30-36 @ 2** to 2.5 m² per liter. After applying tack coat immediately imbed the selected lagging fabric smoothly in to the wet coating. Apply two finish coat **STARBOND 30-36** at rate of 2.5 to 3 m² / liter. It is very important to ensure that each coat of **STARBOND 30-36** totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.

MOOD OF APPLICATION

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

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

Spray- **Starbond 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

On an average 3 to 5 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 & fire resistant

- Ultra-violet resistance
- Chemical resistance
- Anti-fungal & antibacterial
- Suitable to challenging weather condition
- High temperature resistance

CLEANING:

Clean all the tools immediate with clean water.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>40°C). 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 30-36 is available in 25 & 50 kgs air tight Plastic Pail and Plastic drum.

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. 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	65000 to 75000 cps @ 30° C rpm 15
Specific gravity	As per guidelines of ASTM 1475-98
Bonding time	45 minutes (at 20°c, 50% rel. humidity) 20°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° F (112°C)
Flash point	As per guidelines ASTM D 93
Water vapour permeability	As per guideline of IS: 1060(Pt.2) 1960
Water permeance (perms)	As per guideline ASTM E-96 Inch pound unit
Flammability	As per guideline ASTM E 84
Surface Burning Characteristics	Flame Spread Index 35 Smoke Developed 200-300 (UL 723)
Cure Cured film	Flexible, tough
Water tightness	Excellent
Chemical resistance	Good
Insulation properties	Excellent
Solar reflection	Excellent

WARRANTY

All information is given in good faith on the result gained from experience and test. However, all recommendation or suggestions are made without guarantee, since manufacturer does not have any control on site conditions and its uses.