



TECHNICAL DATA SHEET

STARBOND 30 - 36

(Thermal Insulation Canvas 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 protection system for HVAC duct and pipe.

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.

MODE 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. Recommended DFT 450 to 550 micron.

ADVANTAGES

- Good adhesion and high strength
- Water resistant can be washed with mild soap
- Non-toxic & non- flammable
- Ultra-violet resistance
- Chemical resistance
- Antifungal & antibacterial
- Suitable to middle east climatic 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 (>40⁰C). 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 kg air tight Plastic Pail.

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.

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

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

TECHNICAL DATA

Base	IHT	Special synthetic resin		
No. of component	IHT	One		
Color	IHT	White		
Consistency	IHT	Thixotropic like paste		
Non volatile Content by mass %	ASTM D 1644-01	58		
Viscosity	IHT	65000 to 75000 cps @ 30 ⁰ C rpm 15		
Specific gravity	ASTM 1475-98	1.4		
Bonding time	IHT	45 minutes (at 20 ⁰ c, 50% rel. humidity) 20 ⁰ c		
Drying time	ASTM D 1640-03	Touch dry 2-3 hours Hard dry 16 hours		
Heat Resistance	IHT	Up to 234 ⁰ F (112 ⁰ C)		
Flash point	ASTM D 93	No flash to heating		
VOC content gram/lit	ASTM D 3960	0.05 almost nil		
Water permeance (perms)	ASTM E-96	0.018 perms		
Cured film	IHT	Flexible, tough		
Water tightness	IHT	Excellent		
Chemical resistance (mild)	IHT	Good		
Surface burning characteristic	ASTM E84	FS	SD	
		10	1.4	
UV Resistance	ASTM E 424	UV Name	Wave Length	Blocking %
		Long wave	320-380 mm	100
		Medium wave	280-320 mm	100
		Short wave	300-280 mm	100
Fungi Resistance	ASTM G21-96 (Re-approved 2002)	Passes the test		

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.

PARAMOUNT POLYTREAT CHEMICALS PVT. LTD.