



# DEUCOAT 85-70

(Specialized High Quality Spark Adhesive)

**DESCRIPTION :** DEUCOAT 85-70 is specially designed from special resin and additives and it's a high tack, rapid setting extra strong and flexible adhesive used to adhere fibrous glass or mineral wool insulation to painted and unpainted steel, galvanized or aluminium air-conditioning or hot air ducts. Also it's a synthetic elastomeric emulsion, 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.

It's ideal for bonding fibrous glass and rigid plastic foam insulations to wood, concrete or other construction materials.

It has excellent properties of anti-fungal, water resistance and waterproof.

**APPLICATION METHOD :** Apply a tack coat of DEUCOAT 85-70 @ 3.5 to 4 m<sup>2</sup> per kg. After applying tack coat immediately embed the selected lagging fabric smoothly in to the wet coating. Apply two finish coat of DEUCOAT 85-70 at rate of 4 to 5 m<sup>2</sup> / liter. It is very important to ensure that each coat of DEUCOAT 85-70 totally cured before the next coat is applied. The dry film thickness will vary with fabric selected.

**METHOD 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-** DEUCOAT 85-70 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 3.5 to 5.5 m<sup>2</sup> /per liter @ 150 to 210 DFT. depending upon the method of application.

## ADVANTAGES

- Fire resistant
- Good adhesion and high strength.
- Weather proof and extra strong
- Water resistant can be washed with mild soap.

- Non-toxic & non- flammable.
- UV resistance.
- Chemical resistance.
- Antibacterial.
- Suitable to middle east climatic conditions.
- High temperature resistance.

**CLEANING:** Clean all the tools immediately with clean water.

**STORAGE & SHELF LIFE :** Store under cover, protect from direct sunlight and high temperature (>35<sup>0</sup>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:** DEUCOAT 85-70 is available in 20 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. 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	High build resin and additives.
No. of component	Single pack
Color	White
Consistency	Thixotropic smooth paste
Viscosity (Brookfield) @25°C, S6, rpm 20	40000 to 60000 cps
Density, g/cc	1.25 ± 0.10
Drying time	3 to 4 hours temp. * depending on ambient As per guidelines of ASTM D 1640-03
Service temp.	Up to 234 <sup>0</sup> F (112 <sup>0</sup> C)
Flash point	Non Flammable ASTM D 93
Cured film	Flexible, tough and strong
Water tightness	Excellent
Chemical resistance	Good
Insulation properties	Excellent
UV resistivity	Excellent

### WARRANTY

*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.*