



85-55 HF

Product Data Sheet

PROPERTIES

COLOR:

Off-White – Dries Clear

APPLICATION CONSISTENCY:

Air atomized spray or roll coater

WEIGHT/U.S. GALLON (ASTM D1475):

10.3 lbs / Gallon

VISCOSITY (Typical):

10,000-15,000 cps

AVERAGE NON-VOLATILE) (ASTM D2369):

53% by volume (62% by weight)

COVERAGE RANGE:

(Subject to type of surface and nature of material to be bonded).

200-400 sq.ft./gal. (9.8 m²/l) can be used for initial trials

BONDING TIME:

(Depending upon temperature and humidity)

0-5 minutes

SERVICE TEMPERATURE LIMITS:

(Temperature at coated surface)

-20°F to 180°F (-29°C to 82°C)

SAFETY:

Wet flammability (ASTM D-93)

No flash to boiling, <200°F

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FIRE RESISTIVE FACING ADHESIVE

FOSTER 85-55 HF Facing Adhesive is a fire resistant, waterbase adhesive for bonding fiberglass and reinforced polyester facings to fibrous glass insulations. It has good wet grab and sets rapidly to resist sliding of the facing on the insulation.

FOSTER 85-55 HF Facing Adhesive has been tested and meets the MIL-DTL-3316 D, Class 1, Grade A (former Mil-A-3316A, Type II) adhesive strength and fire resistance requirements for bonding MIL-C-20079, Type 1, Class 2 and reinforced polyester facings (Facing B, C and D) for fabrication of **MIL-DTL-32585 Type I and Type II (formerly MIL-I-742) Fiberglass Thermal and Acoustical Insulation Hull Board.**

FOSTER 85-55 HF Facing Adhesive may also be used to bond vapor retarder facings including FSK, ASJ and various other types to fiberglass, mineral wool and other porous insulations.

FOSTER 85-55 is non-flammable in the wet state and dries to a fire resistant flexible film. When dry, 85-55 is a light color that will not show through most white facings.

FOSTER 85-55 HF is free of any halogenated chemical components and is low VOC. VOC: 10 g/l, less water and exempt solvents.

LIMITATIONS

Store and apply between 40°F to 100°F (4°C to 38°C)
Protect from freezing until dry.

Waterbased products may corrode carbon steel spray equipment. Corrosion-resistant pumps and fittings are suggested.

Composite testing with the fiberglass board, adhesive and specific facing materials being used by fabricators is required to meet MIL Spec requirements.

H.B Fuller Construction Products Inc.

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APPLICATION GUIDE FOR FOSTER FIRE RESISTANT FACING ADHESIVE 85-55 HF

MATERIAL PREPARATION

DO NOT THIN. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use. If separation occurs, stir well before using.

APPLICATION

Rollcoater:

Apply the facing adhesive to the insulation at the selected coverage and smooth the facing firmly in place. Place insulation in a well ventilated space and allow to dry before further packaging or excessive handling.

Spray:

Facing adhesive can be spray applied using a wide variety of conventional air atomizing equipment. Use of airless spray equipment is not recommended.

CLEAN-UP

Use fresh, warm water to clean equipment before product dries. Dry product may be removed with hot soapy water or strong solvent such as chlorinated solvent (non-flammable) or xylol (flammable).

CUSTOMER SERVICE: (833) 849-3700

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ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

**For professional use only. Keep out of reach of children.
Consult Safety Data Sheet and container label for further information.**