

ECCOSTOCK® 13-111-NF

One Part Solvent Based Non-Flammable Contact Adhesive

Material Characteristics

- ECCOSTOCK® 13-111-NF is a one part, general purpose, non-flammable neoprene adhesive that is solvent based
- ECCOSTOCK® 13-111-NF provides good adhesion to urethane foams, wood, aluminum, rubber, galvanized steel, and most plastics

Applications

- ECCOSTOCK® 13-111-NF is specifically designed and only recommended for bonding our ECCOSORB® foam products such as: ECCOSORB® AN, ANW, LS, QR, HR, CV and VHP

Shipping & Availability

- ECCOSTOCK® 13-111-NF is sold by the Quart (2.5 lb.), Gallon (10 lb.), and 5 Gallon Pail (50 lb.)
- ECCOSTOCK® 13-111-NF does ship as a hazardous material. It's material hazard class is as follows: Class 6.1 Poison, UN1593, PG III

Typical Properties

| | |
|------------------------------------|-------------------|
| Color | Light Tan |
| Application Temperature, °F (°C) | 64 - 68 (18 - 20) |
| Specific Gravity | 1.25 - 1.29 |
| Dielectric Constant | ~3.0 |
| Tack Time, Depending on Conditions | 5 - 60 minutes |
| Estimated Coverage Per Gallon | 100 square feet |
| Weight Per Gallon, lbs. (kg) | 10 (4.5) |
| Shelf Life | 6 months |

Instructions For Use

Coverage Calculation

- Each gallon of ECCOSTOCK® 13-111-NF covers roughly 100 square feet
- ECCOSTOCK® 13-111-NF must be applied to both the absorber surface and the mating surface to be bonded. Therefore, a single foam panel that is 24" x 24" square would require 8 square feet of adhesive coverage

Preparation

- All surfaces to be bonded with ECCOSTOCK® 13-111-NF should be cleaned to remove all grease, oil, and foreign materials. A recommended solvent is Methylene Chloride which should only be used in a well ventilated area
- Note: The use of solvents with the ECCOSORB® foam products is not recommended. Therefore, the removal of foreign materials should be done with an air stream or vacuum

Application Methods

- ECCOSTOCK® 13-111-NF may be applied by brush, roller, or spray equipment
- For spraying, a pressure-type pot spray system is recommended. A pot pressure of 10 to 15 psi and an atomization pressure of 80 psi when using a Devilbiss fluid tip needle type FF will provide acceptable results

Bonding Procedure

- Shake the container well before opening and mix thoroughly before use
- Coat both surfaces to be bonded with ECCOSTOCK® 13-111-NF and allow one surface to dry for a period of time till nearly tack free
- For optimum adhesion it is necessary that one surface be relatively dry to the touch and the other surface be tacky at the time when the surfaces are mated
- Apply sufficient pressure to ensure good contact on the mating surfaces