

3M™ Dry Lay-up Spray Adhesive 7808

Product description

3M™ Dry Lay-up Adhesive 7808 is a sprayable, synthetic elastomer based adhesive for bonding/holding glass fabric and roving, other reinforcements and other materials (i.e. flow media) in place during the infusion process.

- Fast tacking
- High coverage
- Long working time
- Sprayable, high-tack and fast-drying synthetic elastomer adhesive
- Red color allows control of the application level



Physical properties

7808	
Adhesive type	Synthetic Elastomer
Solvent	Aliphatic hydrocarbons
Color (dry)	Red
Solids (by wt.)	24-26%
Specific gravity	0.697
Flash Point (TCC) <small>(Test Method Closed Cup)</small>	-41.1°C
Hazardous Air Pollutants	<= 1% Weight
VOC (Less H ₂ O & Exempt solvents) <small>(SCAQMD method 305)</small>	527 g/L
Coverage	> 20.4 m ² /can for lightweight materials > 4.2 m ² /can for heavy materials



Information / Direction for Use

Preparation:

For best results, all surfaces to be bonded must be clean, dry, and free from dirt, dust, oil, loose paint, wax or grease, etc.

Working Temperature:

The adhesive and surfaces to be bonded should be at 18°C or above.

Application:

1. Shake can before use.
2. Turn spray tip so arrow points to dot on rim of can (always point spray tip away from yourself and others).
3. Hold can perpendicular 180 mm to 250 mm from the substrate to be sprayed.
4. Apply a light, uniform coat of adhesive to one surface to be bonded. Target color is very light pink. Do not apply excess of adhesive. Higher amounts of adhesive could affect composite properties and infusion process.
5. Make bond while adhesive is tacky.
6. Join surfaces with firm pressure.
7. After use, invert can and depress spray tip until spray is free of adhesive.



Storage and shelf life

- Store product at 16°C-27°C for maximum storage life
- Avoid direct sunlight and other UV-light and heat sources.
- Ideal conditions are 20 °C and 50% relative humidity

Higher temperatures can reduce normal storage life. Lower temperatures can cause increased viscosity of temporary nature.

Rotate stock on a “first in-first out” basis.

When stored at the recommended conditions in original, unopened container, this product has a shelf life of 24 months from date of manufacture.



Further technical data

3M can offer extended data for different test conditions and substrates. Please get in touch with your 3M Sales Rep or Application Engineer.

Trademarks: 3M is a trademark of 3M Company.

For additional information: To request additional product information or to arrange for sales assistance, please contact your local 3M organization.

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