

Flowlok Adhesive

Water Cured Adhesive

Description

Flowlok Adhesive is a cold-applied, single component, quick cure Urethane Polyurea adhesive, specifically formulated to bond to a wide range of substrates including bitumen roofing, high-density polyiso, cover board, plywood, galvanized steel, aluminum, lead, copper, glass and other substrates. It has flexible cohesive characteristics and eliminates the need for kettles and torches.

Features

- Tenacious tack – bonds to variety of substrates
- VOC compliant
- Low Odor
- Fast and easy application
- Low temperature applications

Typical Uses

- CMU
- Plywood, OSB
- Concrete
- Glass faced wall boards
- Repair material for defects on surfaces

Membrane Properties

PERFORMANCE & PHYSICAL PROPERTIES	VALUE	TEST METHOD
Solids content by weight	95 + 2%	ASTM D-2369
Solids content by volume	94 + 2%	ASTM D-2697
Elongation	300 + 50%	ASTM D-412
Adhesion to concrete	17.5 Lbf/in	ASTM C-836
Specific gravity	1.12	
Impact resistance	Shore A: 30 + 5	ASTM D-2240
Tear resistance, Die C	50 + 10 pli	ASTM D-624
Tensile strength	500 + 50 psi	ASTM D-412
Viscosity @ 80°F	4500 + 2000 cps	N/A
Permeability	0.05 Perms	ASTM E-96
VOC	60 GM/L	ASTM D-2369-81
Service temperature	20°F to 200°F	N/A
Tack-free time	1 hour	N/A

Packaging	5-gallon pail 55-gallon drum, net fill 50 gallons
Mixing	One quart of water should be added to 5 gallons of Flowlok adhesive and should be thoroughly mixed using a mechanical mixer at slow speed to ensure a homogeneous material. Take care not to allow entrapment of air into the material. NOTE: FLOWLOK AL30 may NOT be diluted under any circumstances.
Application	Flowlok Adhesive may be applied directly with a brush, squeegee, trowel, or phenolic core roller, at anywhere from 20° F up to 200° F. It can be applied at any thickness. Coverage rate may vary depending on ambient temperature, surface porosity, as well as applicator and/or application technique. Allow coating to cure approximately 30 minutes (curing is a function of ambient temperature and humidity).
Equipment Clean Up	Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.
Storage	Flowlok Adhesive has a shelf life of six (6) months from date of manufacture in original, factory sealed containers when stored at 75°F.
Limitations	Surfaces to be coated with Flowlok Adhesive must be dry, clean and free of foreign matter. Any remaining material must be tightly sealed to protect it against curing in its container. Containers that have been opened must be used within 1 or 2 weeks, since Flowlok Adhesive is a moisture reactive material that begins to cure when exposed to air. does not recommend that Flowlok Adhesive be diluted with solvent.
WARRANTY	Contact Flowlok for warranty period and information.

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