

# Marlite

# Adhesives

## Specifications

Marlite Brand Adhesives have been developed especially for use with Marlite Brand Products. When used in conjunction with a total Marlite Brand Product System, these adhesives assure the system's ease of installation, performance and long life.

### C-375

#### Construction Adhesive

C-375 is available in 3.5-gallon cans. A strong, flexible, water resistant adhesive formulated for fast, easy application, C-375 meets ASTM Specification C557. It is an excellent, multipurpose adhesive for use with wall panels, acoustic tile, and insulation (except polystyrene foam). It will bond surfaces together quickly or provide a long "open time" of up to 20 minutes, if required. Use to apply Plank or FRP panels over solid backing. This elastomeric polymer-base adhesive remains pliable to compensate for movement of up to 1/8". Application to both surfaces to be joined (cohesive method) produces a very strong immediate bond.

APPLICATION TEMPERATURE: >50°F  
SHELF LIFE: 12 months in tightly closed cans  
CONSISTENCY: mastic, smooth paste  
COVERAGE: 60 square feet per gallon  
WEIGHT PER GALLON: 8.9 lbs.  
BASE: elastomeric polymer  
SOLVENT TYPE: naphtha  
CLEAN-UP: naphtha or mineral spirits – exercise safe practice regarding flammability and toxicity when using mineral spirits  
OPEN TIME: 20 minutes, depending on temperature and air movement  
SERVICE TEMP. RANGE: -20°F to 140°F  
MOISTURE RESISTANCE: excellent  
FLAMMABILITY: flammable in wet state  
FREEZE-THAW STABILITY: unaffected; will not freeze

### C-551

#### FRP Adhesive

C-551 is available in 3.5-gallon cans. It is a highly water resistant, non-flammable adhesive designed for installing Marlite Brand FRP panels over existing porous-surfaced walls. Do not use on Marlite Plank or other wood-based products. Meets ASTM Specification C557. Also recommended for bonding polystyrene foamboard, polyurethane Foamboard, tileboard, and decorative strips to any structurally sound, porous interior surface, such as drywall or plywood.

APPLICATION TEMPERATURE: >50°F to 90°F  
SHELF LIFE: 12 months in tightly closed cans  
CONSISTENCY: medium viscosity, smooth smooth paste  
COVERAGE: 60 square feet per gallon  
WEIGHT PER GALLON: 10.6 lbs.  
BASE: proprietary emulsion polymer  
SOLVENT TYPE: naphtha  
CLEAN-UP: use soapy water before adhesive sets. After adhesive sets, use mineral spirits - exercise safe practice regarding flammability and toxicity when using mineral spirits  
OPEN TIME: 20 minutes, depending on temperature and humidity conditions  
SERVICE TEMP. RANGE: 0°F to 140°F  
MOISTURE RESISTANCE: excellent  
FLAMMABILITY: nonflammable  
FREEZE-THAW STABILITY: passes 5 cycles at 0°F  
CAUTION: do not permit installation to go below freezing within the first 48 hours after application