



FX-763

Low Modulus Hydro-Ester® Trowel Grade Epoxy

DESCRIPTION:

FX-763 Low Modulus Hydro Ester® Trowel Grade Epoxy is a 100% solids, moisture insensitive, non-sag epoxy adhesive. **FX-763** has a convenient 2 to 1 mix ratio by volume and is ideal for repairs of vertical or overhead surfaces. **FX-763** exceeds the requirements of ASTM C 881-99, Types I, II, and V, Grade 3, Class "B" and "C".

ADVANTAGES:

- **FX-763** will bond to damp or dry surfaces
- **FX-763** may be feather-edged and will not shrink
- **FX-763** is readily dispensed into narrow slots and holes from cartridge dispensers
- **FX-763** has excellent resistance to gasoline, oil, sewage and aggressive water

PHYSICAL PROPERTIES:

Gel Time @ 72°F (22.2°C) + 2°	30 mins min	
Tensile Strength @ 72°F (22.2°C) ASTM D 638	6,000 psi min	34.5 MPa
Linear Coefficient of Shrinkage on cure ASTM D 2566	0.005	
Compressive Strength ASTM D 695 7 Days	9,000 psi min	62 MPa
Compressive Modulus ASTM D 695	200,000	1379 MPa
Bond Strength (Slant Shear) ASTM C 882-99 7 days	1,500 psi min	10.3 MPa
2 day moist cure	1,000 psi	6.9 MPa
14 day moist cure	1,500 psi	10.3 MPa
Electrical		
Dielectric Strength, S/TVolt per mil	440 - 465	
Dielectric Constant: @60 HZ	3.4 - 3.5	
@106 HZ	3.3 - 3.4	(over)
Power Factor: @ 60 HZ	0.006 - 0.007	
@ 106 HZ	0.03 - 0.04	

SURFACE PREPARATION:

For best results, areas to receive the **FX-763 LM** should be free of laitance, grease, oil, and any other contaminants, which would inhibit bond. Sandblasting, waterblasting, or wire brushing, are recommended for surface preparation.

MIXING:

Combine two parts by volume of Component "A" with one part by volume of Component "B" of **FX-763** in a clean pail, using a slow speed drill and an **FX-Mixing Paddle**. Mix for a minimum of three (3) minutes to a uniform consistency. To obtain a mortar, slowly add a maximum of one part by volume of **FX-701 Filler** while continuing to mix.

Double Barrel Gun: No prior mixing is required when applying material in tube sets.

APPLICATION:

Depending on usage, apply with trowel, putty knife or squeegee. If used as adhesive, spread with 1/8 or 1/4 inch notched trowel. Work into properly prepared surface.

COVERAGE:

When used neat, 1 gallon of **FX-763 Low Modulus Hydro Ester® Trowel Grade Epoxy** will cover approximately 80 square feet (7.4 m) at a 20 mil thickness.

When used as a mortar, a 3 gallon unit of **FX-763**, mixed with 3 gallons by volume of **FX-701 Filler**, will yield approximately 1,050 cubic inches of mortar.

SHELF LIFE: 2 years

LIMITATIONS:

FX-763 should not be applied when surface temperatures are below 40°F (4.4°C). For best results, do not exceed one part by volume of **FX-701 Filler** to one part by volume of mixed **FX-763**.

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 12/2005

CAUTION:

"A" Component contains epoxy resin. DANGER! "B" Component contains alkaline amines; strong sensitizer. May cause skin sensitization or other allergic responses. Use with good ventilation, particularly if material is heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves and/or barrier creams. Keep container closed when not in use. Wash thoroughly after handling.

FIRST AID:

In case of skin contact, immediately wash with soap and water. In case of eye contact, flush eyes with copious amounts of water for at least fifteen (15) minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention. Wash clothing before reuse.