



Chemline 1850

Fast Cure Polyurethane for Concrete Repairs

Description

Chemline 1850 is a 1:1, fast cure, high penetration two-part hybrid polyurethane. It is combined with sand to form a polymer concrete that absorbs the shock of heavy traffic without cracking or disbanding. When cured, it is highlighted by:

- √ Superior chemical resistance
- √ Stable at a wide range of temperatures
- √ Extremely high bond strength to concrete for permanent repairs
- √ 100% solids and contains Zero VOCs

Application Recommendations

Chemline 1850 is a tough, durable polyurethane that is designed for industrial, high traffic floor repairs subject to harsh conditions and constant use.

Chemline 1850 should be mixed 1 volume Chemline 1850 (1A:1B) to 3 volumes of 30-40 grit dry silica sand with a drill mixer. Apply immediately to the repair area and strike off with a trowel.

For further detail or application training consult with a Chemline Technical Representative.

Packaging, Storage & Shelf Life

Chemline 1850 is available in 1 and 5 gallon pails. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Safety

Chemline 1850 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to use.

Application Properties

Property	Value
Pot life (neat)	2 minutes
Pot life (with sand)	10 minutes
Restore foot traffic	After 10 minutes
Ultimate cure	24 hours

Physical Properties

Property	Value
Hardness, Shore D, D-2240	78 D
Tensile strength, D-638	5510 psi
Compression strength, D-695	4500 psi
Bond strength	1100 psi
Elongation, D-638	4 %
Viscosity	9 cps

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

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