



TECHNICAL DATA SHEET

OBIC 1505PW

Rapid Curing Potable Water Primer

Description

OBIC 1505PW is a component, high solids, fast curing, modified urethane polymer. It is highlighted by:

- Low viscosity that quickly penetrates concrete substrates for permanent bonding
- self-leveling for an aesthetic smooth finish
- Cures at temperatures down to 0°F
- Very good chemical resistance

Application Recommendations

OBIC 1505PW adheres extremely well to properly prepared concrete. It can be either hand mixed, applied through low pressure plural component cartridge spray and a static mixing wand, or sprayed through a low pressure proportioner, such as a Graco E10 with a static mix gun (Fusion Solvent Purge, Binks 43P or similar). OBIC 1505PW can also be mixed with sand, aggregate, marble dust, silica or a combination to form a high strength rapid repair patching compound for vertical or horizontal concrete repairs.

Packaging, Storage & Shelf Life

OBIC 1505PW is available in 5 gallon pails. It should be stored in sealed containers between 60°-90° F. Shelf life is 12 months under normal conditions, in factory sealed containers.

Safety

OBIC 1505PW 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 SDS in its entirety prior to use.

Component Properties

Property	Value
Pot Life at 72°F	3 minutes
Tack Free Time	10 minutes
Final Cure at 72°F	20 minutes
Solids Content, By Weight	58%
	77 3.7 lbs/gal
Recommended Thickness	3-6 mils dft

Physical Properties

Property	Value
Hardness, D-2240	71D
Tensile Strength, D-638	4,500 psi
Ultimate Elongation, D-638	6%
Compressive Strength (sand), D-695	3,800 psi
Compressive Strength (neat), D-695	4,450 psi
Bond Strength, D-4541	>400 psi
Shrinkage	None
Exudation	None

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

For further detail consult an OBIC Technical Representative for equipment and application training.