

OCM PILELOCK® AP-20

Hydrophilic Waterstop for Sheet Pile Interlocks

PRODUCT OVERVIEW

Pilelock AP-20 is a 2-part liquid hydrophilic waterstop and replacement for the discontinued A-30. It is designed for steel, plastic or composite sheet pile interlocks. AP-20 is an eco-friendly material with no organic solvents and does not produce vapors or odor.

KEY FEATURES & BENEFITS

Feature	AP-20 Advantage
Replacement for A-30	Same basic installation and function
Air cured	Uses F-2 curing accelerator rather than A-30 chemical hardener
Higher expansion	Approximately double the expansion of A-30 when exposed to water
More material	Kits contain approximately 13% more material than A-30 kits - .53 gallons more product.
Environmentally friendly	No organic solvents; no vapors or odor

PACKAGING & MIX

Component	AP-20 Package
Urethane Polymer	16 kg / 4.4 gallons
F-2 Curing Accelerator	0.5 kg / 1.1 pints
Total	4.53 gallons
Mix Ratio	32:1

APPLICATION

Prepare: Level the sheet pile horizontally with the open socket exposed. Thoroughly clean the interlock; remove oil, dirt, loose rust and debris with a wire or power brush, then blow clean with compressed air. Seal open ends.

Fill: Pour AP-20 into the female socket (non-leading side). Sheet pile must remain level during application and curing.

Thickness: Recommended AP-20 thickness is approximately 60% of the measured gap width. Use a small brush or spatula to spread and measure thickness carefully.

Paired piles: Hold the common interlock open with a small wedge and pour AP-20 into the opening. Keep ends plugged and the sheet pile level; protect from premature moisture exposure.

CURING - Estimated cure time based on a 32:1 mix ratio with F-2 accelerator

AP-20 cures to a cloudy, translucent, rubber-like material. Do not move or drive piles until cured. Cure time varies with temperature and bead size.

Temperature	Estimated Cure Time
14°F	24 hours
41°F	20 hours
50°F	15 hours
68°F	3 hours
86°F	1.5 hours

IMPORTANT: Sheet piles must remain level until AP-20 has cured. Cure time is temperature- and bead-size-dependent.



PL-20 paired sheet pile common application.