

# ADEKA ULTRA SEAL

## A-30

**OCM, Inc. Chicago, IL**  
**Sales Information: (847) 955-9700**  
**Contact Local Representative**

**Technical Information :(800) 999-3959**

Properties	A-30 Resin	A-30 Catalyst
Appearance	Clear Liquid	Clear Liquid
SP (72° F.)	1.05	1.09
Viscosity (MPa.x/77° F).	2000~3000	300~800
Mixing Ratio (resin:catalyst)	<b>15:1</b>	
Pot life 50% RH (70~75 deg.F.)	<b>1~2 Hours</b>	
Gel time 50% RH (70~75 deg.F.)	<b>5~6 Hours</b>	
Cure time 50% RH (70~75 deg.F.)	<b>12~18 Hours</b>	

### ADEKA ULTRA SEAL A-30 - Improved waterstop system for sealing sheet pile interlocks prior to driving.

#### Packaging

A-30 Resin

A-30 Hardener

(2 components - 15:1 ratio) :

20 Liter (5.3 gallon) pail - Net - 15 kg (14.28 liters - 3.77 gallons)

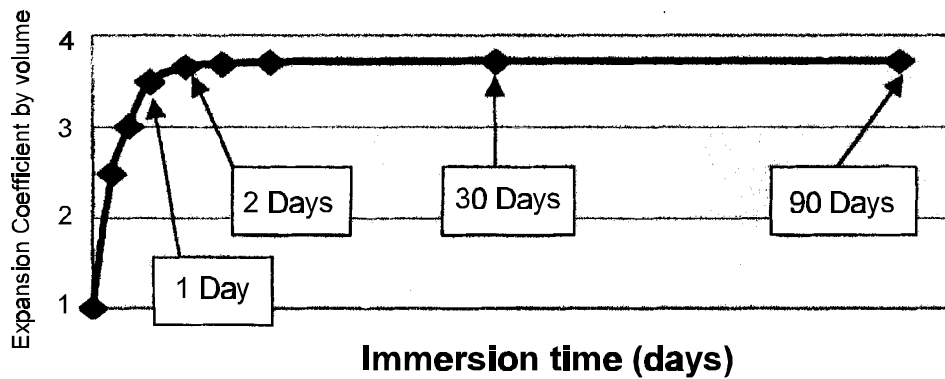
1 Liter (1.06 quart) can - Net - 1 kg (0.92 liters - 0.97 quarts)

**Total Net = Resin + Catalyst = 15.20 Liters = 4.0 Gallons**

#### Characteristics:

1. Improved chemical resistance and durability even under alkaline ground water conditions.
2. Easy to use two part urethane system. Packaged in ratio amounts. No measuring necessary.
3. The curing process begins when the two components are mixed (chemical cure). Unlike A-50, curing is not as dependent on temperature.
4. Cured A-30 has excellent adhesive strength.
5. A-30 has a high rate of expansion and will withstand approximately 160 foot hydrostatic head (50 meters).

#### A-30 Expansion Curve



## A-30 APPLICATION PROCEDURES:

Application of A-30 and pile driving procedures are identical with published Adeka Ultra Seal A-50 instructions except for mixing procedures and pot life of mixed material.

Basic Application:

1. Thoroughly clean socket (female) side of the interlock. Remove any rust or dirt from the interlock section. Use wire brush or small sander and air blast to remove any debris. Wipe with solvent if any oil or grease is present.
2. LEVEL PILES AND PLUG ENDS (FOAM WORKS WELL). **MAINTAIN LEVEL UNTIL A-30 IS CURED.**
3. Pour A-30 catalyst (1 liter can) into A-30 resin (5 gallon pail).
4. Mix thoroughly (hand mix by stirring or use power mixer).
5. Pour appropriate amount of A-30 into the level interlock. The amount of A-30 required will vary depending on type of sheet pile. Check with your local representative for recommended coverage.
6. Protect the sheet pile from premature exposure to moisture prior to driving.
7. Drive pile with male or thumb side leading.
8. Drive to final depth at initial driving time. The sheet must be driven to final depth within 2 hours once the pile is in contact with water.

### A-30 Cold Temperature Cure Times in Hours

(approximate - not specification)

Temperature Degrees F.	Curing Time Hours
0	168
20	120
30	72
50	36
70	16

Curing time is dependent on environmental conditions and thickness of A-30. Your curing time may vary significantly from above values. Check curing stage before moving sheet piles.

### A-30 IS AN IMPROVED VERSION OF A-50

A-30 has good resistance to a number of chemical contaminants. Some chemicals in higher concentrations may affect the performance of A-30. Consult your local Adeka representative before using in a contaminated area. Or call (800) 999-3959 for more information. Visit [www.adeka.com](http://www.adeka.com) for more information.