

Adeka Ultra Seal Waterstops

OCM, INC.

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ADEKA ULTRA SEAL A-30 SEAL SHEET PILE INTERLOCKS BEFORE DRIVING

A-30 is an excellent choice for sealing sheet pile interlocks. Following are general comments regarding A-30 installation and performance. **A-30 is a two component product mixed in a 15:1 ratio. The expansion coefficient is approximately 3 times by volume .**

1. Level sheet piles in the horizontal position with the receiving socket exposed for filling. Clean thoroughly. Pour A-30 into the socket portion of the interlock to the appropriate depth. Before applying A-30, measure the maximum gap when the pile interlock is in its widest position (between male/female sides). Pour A-30 into the level interlock to a depth slightly more than ½ of the measured gap. For example - if gap is 1/8", apply approximately 1/16"+. Measure carefully, insufficient amounts of A-30 may allow water migration through the locks - too much may cause difficulty in driving the piles.
2. A-30 will bond to the steel and cure to a cloudy translucent rubber like material. If long term storage is anticipated, invert piles and cover. Piles may be driven anytime after the A-30 has cured.
3. When exposed to high humidity or moisture, the material may change to a white color. Since A-30 has an expansion rate of 3 times by volume, a slight amount of expansion will not affect its function or performance. Although high humidity will not damage the material, do not let allow the material to be exposed to rain or other sources of water.
4. If gaps in the "bead" of A-30 occur, they can be filled with new A-30. New A-30 can be brushed on for a light touch up. A-30 will bond to the steel and the cured A-30.
- 5 As sheet piles are "threaded" or put together, portions of the A-30 bead may be scraped, gouged or otherwise displaced depending on interlock clearances. This is normal; since A-30 expands up to 3 times by volume, only small quantities are required to effectively seal the interlock areas.
6. Temperatures - Driving temperatures will not damage the function of the A-30. However, in some rare instances it can be physically damaged if the driving temperatures cause the material to burn.
7. A-30 has excellent resistance to many chemical contaminants. Very low levels of contaminants such as oils, fuels, gasolines, coal tars, creosote and others may be present without deteriorating A-30. Check with your local representative before using in the presence of **any** contaminants. A pH level between 4 and 9 is generally safe*. We are requesting information about **any** projects where A-30 may be in contact with chemical contaminants. We will advise and make recommendations based on each individual case and contaminant level.

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