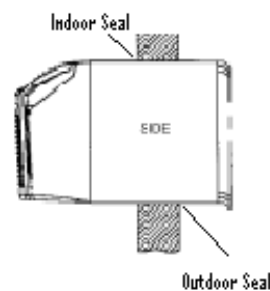


Date: August 1, 2009**Subject: PTAC Wall Sleeve Sealants**

PTAC Wall Sleeve Sealants



It is critical to properly seal the indoor and outdoor joints between the wall sleeve and the wall structure to prevent long term water damage to the building infrastructure. The sealing process starts with selecting the right sealant for the job.

Typically, there are 3 different types of sealant that can be used:

Silicone is the best. It will adhere best to the wall sleeve, has a fast cure time (24 hours), holds up best in severe weather and should last in excess of 20 years. Tremco, a large waterproof sealant supplier, suggests that for trouble free sealing of the wall sleeve, silicone is the best choice. The only disadvantage that was identified is, silicone is not paintable (paint will not adhere).

Eurothane is another good choice. It will hold up well in severe weather (should last 20+ years), will adhere well to the wall sleeve and can be painted with an oil based paint. The only disadvantage that was identified is, eurothane has a very long cure time (10 to 14 days).

Butyl is not as robust as silicone or eurothane. The life of butyl sealant is 10 years or less and the supplier is concerned about how well it will adhere to the wall sleeve. Also, because of Butyl's toxicity, you must use special pre-cautions when applying.

Based upon this information above, a high quality Silicone (or eurothane) sealant will insure many years of a good quality waterproof seal around the wall sleeve. For special conditions and treatments, one should be referred to the sealant supplier for expert advice and approval.