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Installation supplement for tamper-resistant security sealant

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Installation quickfacts, installation and maintenance guides are available online at altro.com/techdocs

Recommended products

In certain environments, such as behavioral and mental health facilities, it is necessary to use a tamper-resistant security sealant (previously referred to as pick-proof caulking) overlap method, seal the finish edge of specific floor to wall transitions. Examples of these transitions include, but are not limited to, the pencil cove installation method and rebate installation method (reference Altro's ligature-free detailing guide for further information).

Although there are several security sealants available on the market, the two listed below have been tested with Altro's products and perform well when using the manufacturer's recommended primers. Take note, these products skin overnight and depending on temperature and humidity, could take up to a week to fully cure.

- Pecora Corporation Dynaflex SC using Pecora P-100 primer
- BASF MasterSeal CR 195 using MasterSeal P-176 primer

The above products are accepted by the New York State Office of Mental Health and are available in white and gray colors.

Recommendations for use

Once walls and flooring are installed, heat welded and trimmed, tape off the area between the Altro Whiterock panels and sheet flooring with painters tape. If using the pencil cove detail we recommend beveling the front and the back of bottom of the Altro Whiterock panel where it will meet the flooring. This will allow the greatest surface area for the application of the security sealant.

Because Altro Whiterock is a non-porous product, a primer for non-porous substrates must be used (see manufacturer's recommendations). Apply manufacturers recommended primer with a small paint brush and let dry (15-60 minutes depending on temperatures and humidity).

Sealants should be applied in a continuous fashion using a standard caulking gun (10.1 oz cartridge). Fill the joint completely and smooth the security sealant to assure full adhesion. Dry smoothing is preferred, but if conditions require a slicking agent, mineral spirits (for Dynaflex SC) and Xylene (for MasterSeal CR 195) are recommended*.

Additional notes

Please note that Altro is not an expert with security sealants and cannot assume responsibility for misuse or suitability of these products. All assurances of the product's effectiveness and suitability must come from the product's manufacturer.



Pictured: Dynaflex SC (top), MasterSeal CR 195 (bottom)

* Caution: mineral spirits (Dynaflex) and Xylene (MasterSeal) are flammable and toxic, observe all manufacturer's precautions.