

LONSEAL

COLD WELD (CHEMICAL WELD)



Cold welding is a process of chemically fusing two sheets of resilient sheet flooring together at a seam. A properly executed cold weld seam can provide an appearance of a seamless floor. This type of weld is chosen due to its aesthetics in areas of light to normal traffic, where not exposed to excessive moisture (i.e. frequent washing) or sanitary-required (i.e. healthcare, bathroom) type installations.

Lonsealer comes in a 4.7 fl.oz. tube that covers an average of 200 linear feet. Shake tube well! Hold tube upright away from body and face when removing the cap. At the same time wipe any excess that may spill from the nozzle.

Ensure all seams are free of contaminants such as dirt, dust, and moisture. Use Lonsealer to chemically fuse seams as directed in the *Lonseal Technical Manual for Interior Products*.

When starting the chemical weld, try to start at wall area where the two sheets can be separated and the accidental spilling of the Lonsealer can be concealed.

To properly fuse the seams, fully insert the nozzle of the Lonsealer into the seam to ensure full penetration, which allows proper dispensing of the seam sealer liquid.

Hold at a 45° angle, with thumb and index finger around the base of the tube, and forefinger on the nozzle. This will allow the applicator to hold the tube without accidental squeezing which causes the liquid to flow rapidly. Use small amounts of pressure on the tube applied by the thumb allowing the liquid to flow evenly through the nozzle into the seam.

When welding, you will notice the sheets will separate where the nozzle is between the sheets allowing the fluid from the nozzle to flow around the nozzle, allow residue to reside on the surface of the seam.

Allow Lonsealer to evaporate on the surface of flooring; never try to wipe the surface with a cloth. Allow a minimum of two hours of dry time prior to traffic, to reduce dirt attraction on the newly welded seam.

Low Visibility Seams

To create a low visibility seam, masking tape should be used in one of two methods:

1. Place 1" painters' masking tape closely along both sides of the seam.
2. Place 1" painters' masking tape atop the seam. Using a knife, carefully cut the tape atop the seam to allow for needle penetration.

Proceed with the chemical welding process described above. The excess seam sealer is allowed to dry for approximately 10 minutes on the tape and therefore reducing the residue on the surface of the flooring. Pull back tape at an angle. This method is most effective in smaller applications.

