



the future is safer with altro

Altro XpressLay™

Installation and initial maintenance quick facts

Specifications

Altro XpressLay can be installed over many areas that normal safety flooring cannot, including new concrete floors with up to 92% internal relative humidity. This lets you accomplish jobs that were previously impossible and get the job done more economically. Altro XpressLay is a loose-lay sheet safety flooring and is secured with the aid of Altro LooseLay™ tape. Altro XpressLay safety flooring can be layed over a variety of surfaces without the need to fully adhere the material to the subfloor. Altro XpressLay may be installed on radiant heated subfloors, as long as they do not have a moisture content in excess of 80% internal relative humidity as tested by ASTM F2170; and/or must be less than 75% percent surface relative humidity if tested by ASTM F2420 method.

Thickness	.087" 2.2mm
Roll Length	66' 20m
Roll Width	6'7" 2m
Weight	4.79bs/yd ² 2.6kg/m ²
Cleaning Technology	Altro Easyclean Maxis PUR
Recommended Finish	No finish
Recommended Adhesive	Altro LooseLay tape

Installation

- Altro XpressLay can be installed on all industry approved substrates on all grade levels.
- The permanent HVAC must be operational and set at a minimum of 68° F (20° C) for 72 hours prior to, during and thereafter installation.
- Acclimate material to jobsite conditions for a minimum of 72 hrs. prior to installation.
- Always conduct moisture tests per ASTM F-2170 on all concrete slabs regardless of age or grade level. ASTM F-2170 internal relative humidity (IRH) test results must not exceed 92% for normal cast in place concrete with a fully intact sub-slab industry approved damp proof membrane in place under the concrete, and must be less than 80% percent when radiant heat is present in the concrete, if internal relative humidity testing cannot be performed on a radiant heated slab than surface RH must be tested to ASTM F2420 and the results must be less than 75% percent for radiant heated sub-floors.
- When patching, a moisture tolerant patching compound must always be used, such as Ardex MRP.
- Gypsum-based patching compounds or concrete using silicate

based admixes and sprays may be unsuitable.

- No pattern match, do not reverse sheets, and install all rolls and cuts in consecutive order.
- Double-sided tape is applied to the substrate and centered under all seams and joints, as well as at the perimeter.
- Properly prepare the substrate for the tape by applying a coat of PVA primer where the tape will be applied.
- Fitting: Pattern scribe, direct scribe or freehand knife.
- Seam method: Underscribe or double-cut dry.
- Seam treatment: All seams, vertical and horizontal, must be heat welded.
- When heat welding, you must rout 90% through the material, but not past the scrim. Always use a trim plate and a sharp trimming blade when trimming. Slightly higher heat may be required.
- Trim at a low angle while still slightly warm.
- All seams must be cut to fit "net" and not pressure fitted or gapped.
- Altro LooseLay tape can also be used on the wall when flash-coving the flooring.

continued on next page...



Protection and Initial Maintenance

- Altro XpressLay flooring should be covered and protected from all other trades during construction with a suitable non-staining protective covering, without taping to the surface of the flooring.
- Sweep or vacuum all construction dust and debris first, then clean the flooring with AltroClean 44 and rinse thoroughly.
- Do not use markers (Sharpies, pens, construction crayons, etc), tapes (masking, duct, releasable, etc) or construction and other paints on the flooring or on the substrate as these items may bleed through or otherwise cause permanent staining.
- Altro assumes no liability for damage to our flooring resulting from the misuse or improper use of tapes, markers, paints or maintenance products. Please confirm with the manufacturer of all cleaning products and equipment for their recommendations.

- Asphalt and certain rubber products, like black rubber mats, can cause staining on vinyl products. Please conduct stain testing.

Altro Installation and Maintenance Quick Facts are intended as a guide only, and is only an overview of Altro's complete installation or maintenance guides. For complete information, please see the **Altro Installation Practices and Detailing Guide**.