

Installation guidance

Altro adhesive-free flooring
Altro XpressLay™, Altro Cantata™

Product - Altro adhesive-free flooring

Altro adhesive-free flooring can be laid over a variety of surfaces without the need to fully adhere the material to the subfloor. This overcomes many of the problems encountered in laying sheet flooring over new or old subfloors.

Typical areas of use for adhesive-free flooring include;

- Temporary or permanent walkways or areas where the substrate may need to be used again later.
- Over old, soundly fixed asbestos tiles or vinyl sheet.
- Over existing resin or paint systems that are sound.
- On new screeds or slabs where the moisture level is less than 97% RH.
- Over internally heated subfloors providing they are dry, ie 75% RH or less.

Storage

Altro adhesive-free flooring should be laid in accordance with the Code of Practice BS 8203:2001+A1:2009. The material should be stored for approximately 24 hours at a room temperature of not below 18°C. When laying, the area should be at a steady temperature of between 18°C and 27°C for at least 48 hours prior to, during and for at least 24 hours after completion.

The material should be checked for any possible faults prior to laying and should be cut into lengths, reversed rolled and laid loose for conditioning before fitting for a minimum of 2 hours.

Ensure that the material used in any one area is from the same manufacturing batch and that sheets are laid in the same direction.

Claims against warranty for colour, batch or obvious material defects will only be considered if the flooring has not yet been installed.

Subfloor

The subfloor must conform to the requirements of BS 8203:2001+A1:2009.

The subfloor should be smooth and flat. Any undulations and indentations should be filled with the appropriate moisture tolerant smoothing compound prior to the laying of the Altro adhesive-free flooring.

Altro Looselay™ double sided tape

Altro adhesive-free flooring is a loose laid floor and is laid with the aid of the Altro Looselay double sided adhesive tape. This tape is supplied with each roll of Altro adhesive-free flooring.

Please note that the surface area to receive the tape must be clean and dust free. Absorbent surfaces may require priming; this can be carried out with the application of AltroFix™ 365 pressure sensitive acrylic adhesive.

In order to provide the optimum installed system and to conform to the conditions of the warranty please ensure that only this tape is used in connection with Altro adhesive-free flooring.

Additional rolls of tape are available from Altro. Please contact the Altro Customer Care Centre for further information.

Laying

In areas that are subject to moisture spillage, the complete installation must be sealed i.e.: the use of conventional clamping or welding type drain gulleys and access covers, sealing of pipes, toilet pans, door frames etc. and the use of appropriate sealing methods between the junction of the Altro flooring and the wall covering or other floor surfaces. Refer to the Altro detail diagram sheet of the appropriate finishes.

Once laid out and conditioned, all joints should be overlapped by approximately 20mm and cut in to form a tight joint.

The product must then be adhered to the subfloor at all joints, and the perimeter if straight laid, using Altro Looselay double sided tape.

The tape can also be used on the cove section when self coving the flooring – (for self coving, see Altro safety flooring installation guidance). It is also recommended that at any point where the flooring finishes at drain channels, access covers, door entrances etc, the material should be adhered to the subfloor using the Altro Looselay double sided tape.

Once fully installed, all joints and mitres within the installation should be hot welded with the matching colour Altro Weldrod™, as detailed in the Altro safety flooring installation guidance sheet.

Altro flooring is not recommended for use in the following areas;

- On ground floor timber bases that are not adequately ventilated.
- On woodblock ground floors.
- On magnesite.
- On subfloors which contain an effective damp proof membrane but exceed a relative humidity reading of above 97% RH.
- On internally heated subfloors which exceed 75% RH.
- In areas that are subjected to heavy wheeled traffic.

The uses given in this datasheet are examples only. If in doubt, please contact Altro Technical Services for further information.

Protection and maintenance

Altro flooring should be covered and protected from all other trades with a suitable non-staining protective covering.

For maintenance of Altro safety flooring refer to Altro's cleaning and maintenance recommendations.

For further information or technical advice

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