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Subfloor Solutions

Altro Everlay™ underlayment

October 2016

Altro Everlay is a fully synthetic material designed to overcome the problems sometimes encountered in laying sheet floorings over new or old subfloors.

Altro Everlay can be laid over a variety of surfaces, such as old vinyl tiles, sheet metal, access floors, subfloors contaminated with oil or paint, or damp subfloors.

There are two types of Altro Everlay available.

Altro Everlay A and Altro Everlay B which has an added sound absorbent, insulating layer.

Altro Everlay A

A specially coated fibreglass sheet underlay designed to enable the loose laying of Altro safety flooring, Altro Nuvola Cirrus rubber and Altro smooth flooring.

Thickness 1.2mm, width 2m, average length 50m, weight of roll 100kg / roll.

The main advantages of Altro Everlay are that it:

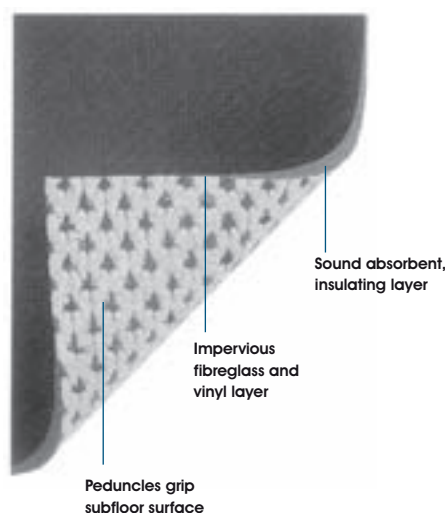
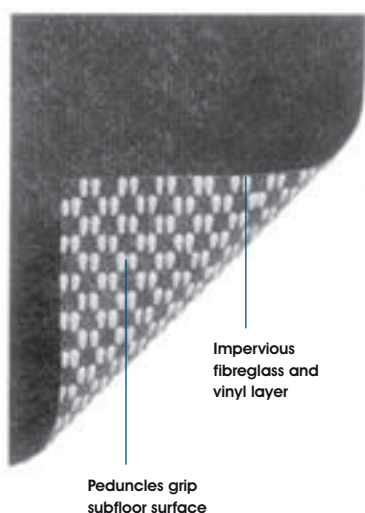
- Provides a continuous base which is stabilised and resistant to damp
- Cuts down laying time as it can reduce normal subfloor drying times
- Allows for a new temporary floor to be laid over an existing floor, without adhesive damage on uplifting

Altro Everlay B

A specially coated fibreglass sheet underlay incorporating a layer of resilient material, which gives the added benefit of increased insulation and sound absorption.

Thickness 4mm, width 2m, average length 20m, weight of roll 88kg / roll.

Sound absorption: when used in conjunction with Altro sheet material, it will meet the requirements of BS EN ISO 140-8 Impact sound absorption 21dB.



Typical areas where Altro Everlay may be used

- Temporary walkways or areas where substrate may need to be used later
- Screed or slabs where construction moisture has not dried out
- Old subfloors which may not contain an adequate damp proof membrane (see Important Notes on back page)
- Over internally heated subfloors providing they are dry, ie 75% RH or less
- On metal access floor systems (subject to flushness of joints)
- Over old, soundly fixed vinyl asbestos tiles or vinyl sheet
- On external areas where the subfloor is asphalt or damp concrete

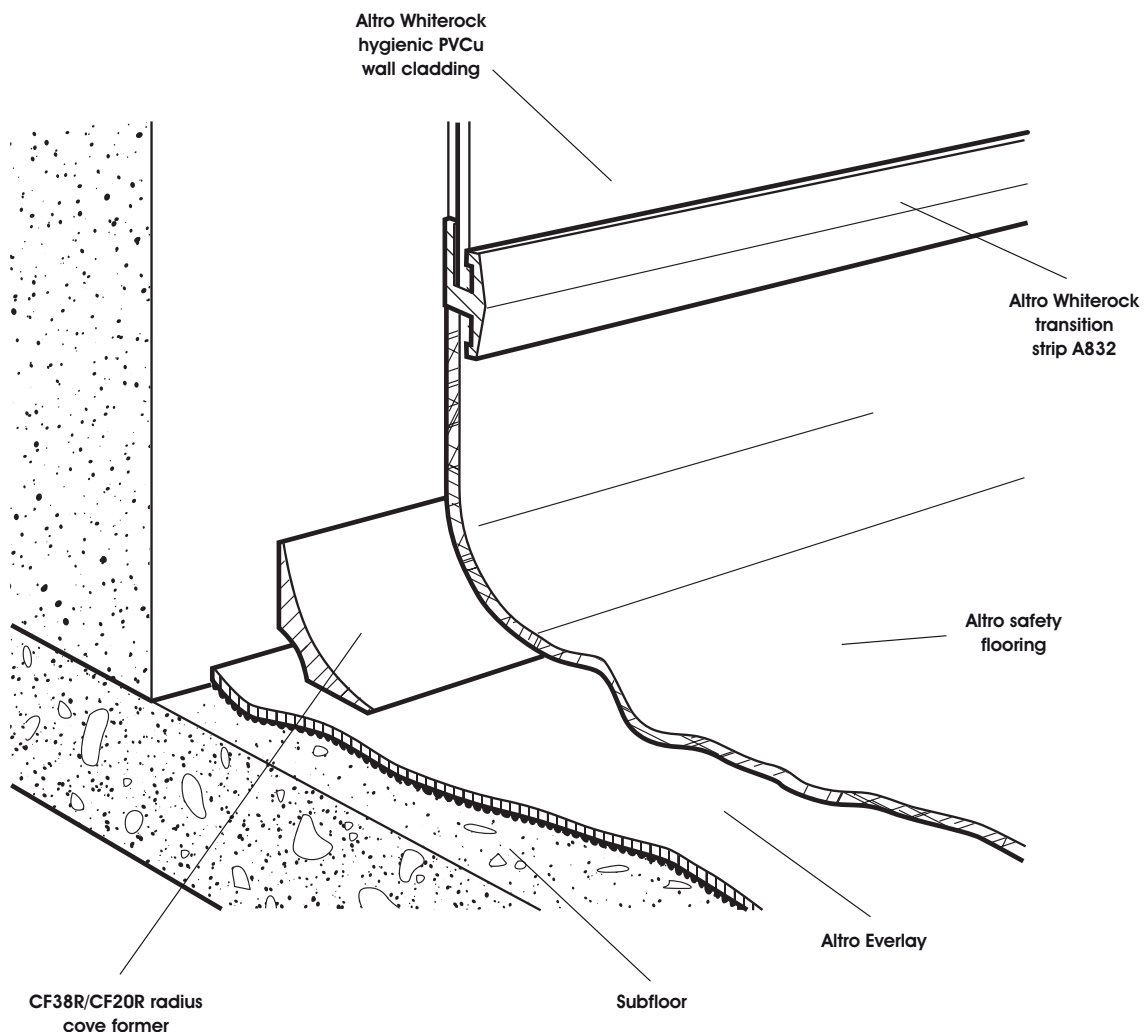
Altro Everlay B also has the added benefit of being used to:

- Improve the resilience of sports materials
- Give underfoot softness and comfort to PVC sheet materials
- Improve insulation
- Improve sound absorption (21dB in accordance with BS EN ISO 140-8)

Laying

Subfloor should be smooth and flat. Any indentations should be filled with the appropriate moisture tolerant smoothing compound prior to the laying of the Altro Everlay material. Altro Everlay should be rolled out, with the peduncles on the underside, and cut into the perimeter. The underlayment should lay flat with no distorting bumps. Joints should be abutted.

Altro Everlay should be laid in the same direction as the finishing flooring, but the positions of the joints should not correspond. The Altro flooring should be adhered to Altro Everlay with Altrofix 19 Plus two-part polyurethane water resistant adhesive, using a 'V' notched trowel. As Altro Everlay is non-absorbent, it is important to apply the adhesive



with a small serration, 1.5mm x 5mm for textured backed floorings and 1mm x 4mm for smooth backed flooring.

When using Altro Everlay the installation can be straight laid or used in conjunction with SOC / Set in Cove or Self-Cove. Altro Everlay should be cut in to the perimeter of the wall and the appropriate skirting should be adhered to the wall and Altro Everlay. Where an Altro PVC flooring is used, all joints and mitres should be cut in, grooved and hot welded.

Important notes

- Areas that are subjected to heavy wheeled traffic
- On ground floor timber-bases that are not adequately ventilated
- On sub-bases that are subjected to hydro-static pressure
- On subfloors which contain an effective damp proof membrane but exceed a relative humidity reading of above 97% RH or on subfloors with no damp proof membrane and a reading which exceeds 92% RH
- Over internally heated subfloors which exceed 75% RH
- On woodblocks, ground floor
- On magnesite

Technical data

Composition:

Altro Everlay is a stabilising and insulating glass fibre sheet, which is resistant to damp and has an impervious vinyl layer on both sides, with a series of expanded resin peduncles on the underside.

Dimensions

	Altro Everlay A	Altro Everlay B
Thickness	1.2mm	4mm
Roll width	2m	2m
Average length	50m	25m
Weight	100kg / roll	95kg / roll

When using Altro Everlay, and particularly in areas that are subject to moisture spillage, the complete system needs to be sealed in a conventional manner, ie. the use of conventional clamping type drain gulleys, sealing of pipes, toilet pans, door frames, etc. and the use of an appropriate sealing method between the junction of the Altro flooring and the wall covering.

No warranties can be offered when used in conjunction with non-Altro sheet products.

Whilst Altro Everlay enables the installation of Altro sheet flooring over damp subfloors, the system does not constitute a damp proof membrane as detailed in BS 8204.

The uses given in this data sheet are examples only. Please contact Altro Technical Services for further information. Where Altro Everlay is not suitable, please refer to the AltroProof epoxy surface damp proof membrane data sheet.

Properties - internal tests indicate:

Dimensional Stability: DIN 51962 no appreciable change

Inflammability: DIN 51960 hardly flammable

If you'd like any more information or guidance please get in touch, we're here to help.

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email: enquiries@altro.com or explore www.altro.com