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installation guidance

Altro Nuvola™ rubber sheet / tiles flooring

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Storage

Altro Nuvola rubber 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 15°C. When laying, the area should be at a steady temperature of between 15°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 conditioned before adhering to the subfloor for a minimum of 2 hours. Sheet material should be cut into lengths and laid loose for conditioning.

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

Subfloor

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

Adhesive

Please refer to adhesive manufacturers for their recommended adhesives and application method. Excess adhesive should be removed with a cloth with a neutral detergent in the case of acrylic adhesive or with alcohol for two component adhesives. Removal of excess adhesive should be done as work progresses and whilst the adhesive is still wet.

Laying

Sheet

Altro Nuvola rubber sheet material can be straight laid or used in conjunction with “sit on” or “set in” skirtings. The material can also be self-coved. Refer to the Altro detail diagram sheet of the appropriate finishes or the Altro safety flooring installation guidance sheet for self-coving.

- Set out the installation and cut the material to the required length allowing for trimming.
- Place the sheets in position overlapping the long and cross joints, and cut in the perimeters.
- Roll back the sheets to the centre and apply the adhesive in accordance with the manufacturer's instructions. Roll the material back into the adhesive as work progresses.
- Cut in joints to a neat, tight fit, roll the whole area and weight down any joints or edges if necessary.
- On completion of laying, do not allow the area to be trafficked nor weight removed until the adhesive has set.
- When the adhesive is set, the joints can be welded.

Laying

Tiles

Set out the area to be tiled for aesthetic reasons and to minimise waste. The centre line of the room should be established in conventional floor tile procedure and chalk lines applied to the subfloor, taking into consideration the tile size and whether the tiles are to be laid point to point or brick bond.

Apply adhesive as per the manufacturer's instructions. After the specified open time for the adhesive, place the tiles into the adhesive, making sure that the arrows on the back of the tiles are in the same direction and side by side.

Do not slide them into the adhesive as this could push the adhesive onto the seams of the face of the material. Clean off any excess adhesive immediately. Then roll the whole installation with a flooring roller both width and length ways.

Weight down any joints or edges if necessary. On completion of the laying, do not allow the area to be trafficked nor weight removed until the adhesive has set.

Welding

Joints within the installation of Altro Nuvola Cirrus™ sheet can either be cut in to form a neat tight fit or they can be hot welded. The hot welding of Altro Nuvola Cirrus sheet flooring ensures hygienic joints and an aesthetic appearance.

Altro Nuvola rubber weldrod is available in a range of colours to complement the floor colours. Hot welding using appropriate equipment is more difficult and slower than with sheet vinyl flooring and is not recommended with profiled flooring or tiles.

1. Cut in joints and allow adhesive to set, then groove the joints to an even, consistent depth. The standard of grooving will affect the strength and appearance of the joints.
2. Hot weld joints using the hot air welding gun, speed nozzle and the appropriate colour of weldrod.
3. Remove the surplus weldrod initially using a sledge and spatula.
4. Trim the joint with a smooth sharp spatula.

Fitting Altro Nuvola rubber flooring to stairs

A range of stairway accessories – nosings and trims – is available to complete Altro rubber installations. Please refer to Altro's stair nosings / profiles data sheets.

The subfloor should conform to BS 8203:2001+A1:2009. When Altro Nuvola Stratus™ studded rubber tread is used a full row of studs must abut and be parallel with the stair nosing (normally rigid PVC HP11/HP51, although PRN1 flexible nosings or even aluminium nosings can also be used in some circumstances).

Bond the flooring to the tread, landings and half landings with suitable adhesive.

Risers and stringers should be fixed with a suitable contact adhesive. Hard plastic nosings and trims should be fixed with a suitable nosings adhesive. PRN1 should be adhered with a suitable contact adhesive.

Protection and maintenance

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

For maintenance of Altro Nuvola rubber flooring refer to the Altro Nuvola rubber flooring recommended cleaning methods card.

For further information

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