



TREDDEx

Quality Aluminium Stairnosings



Installation Guide

Installing Multi Angles

If side angles are being used, these should be installed first.
Cut (& mitre if required) the angles/lengths & apply a central straight 6mm bead of 'Parabond 600' adhesive to the back of the angle and bond to the surface (ensuring that the surface is clean, dust free and level).

Installing using the Drill & Plug Method

On site, offer the pre-cut Stairnosing to the step to ensure it is a good fit. Trim if required, the nosing should be a good fit, but not too tight.

Check the stair is in good condition. It must be clean, level & smooth with no debris. If there are any cracks or worn areas, repair with a suitable quick drying repair mortar.

Mark the drilling positions on the stair by placing the Stairnosing into position and mark the holes through with a pencil.

Drill the hole with a suitable sized masonry drill bit. In most instances, a 1" x 7 or 8 screw with yellow plug (5mm drill bit) would be recommended. The installer can make this decision based on the site conditions.

Ensure that the riser floor covering is installed at this point if required.

Apply 2 x 6mm beads of 'Parabond 600' in a straight line equally spaced the back of the Stairnosing
If using a double channel profile, increase this to 3 beads.

Start from the top stair and work down

Press the Stairnosing into position and screw down

Insert the colour match pips to cover the screws. Dot a small amount of 'Parabond 600' onto the back of the pip before inserting. This should stop the pip from coming loose during use.

Repeat the process for each stair



PARABOND 600 290ml

Fast setting flexible adhesive for bonding
TredDEX stairnosings & angles





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Adhesive only installation method

The fitter must inspect the staircase to ensure that the surface is suitable for this type of installation. We would recommend that any porous surface is primed with a light coating of Heavy Duty spray adhesive to eliminate any dust. If the surface is non porous, then clean the area with a solvent type cleaner to remove any potential contamination. Once the stairs are totally clean and dry, then proceed with fitting.

Important - Before fitting the stairnosings, wipe the back of the aluminium with solvent cleaner using a lint free cloth to remove any potential surface residues from the manufacturing process.

Apply 2 x 6mm beads of 'Parabond 600' in a straight line equally spaced the back of the Stairnosing. If using a double channel profile, increase this to 3 beads.

Start from the top stair and work down

Press the Stairnosing firmly into position and allow the adhesive to dry. Although the bond will be firm to walk on after around 2 hours, do not allow heavy foot traffic until 24 hours after installation.



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Applying inserts into the aluminium channel

It is important that the insert & tape are acclimatised to room temp (20°C) to bond correctly. If the insert & tape are cold, the bond will not be strong and the insert could come loose.

Peel off the double sided tape backing (Do not touch the adhesive).

The pvc insert is slightly angled on the edges to aid installation. Ensure that the insert is installed the correct way up.



Top
Bottom

Apply the insert into the channel ensuring the end is flush and work across without stretching or heating (insert should be applied at room temp / 20°C). Use a hand roller to press the insert firmly onto the adhesive tape to ensure a strong bond. The bond strength will increase over time.

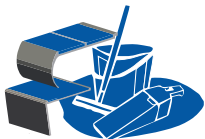
If you are in any doubt, or need technical advice, please call 0117 3041 040





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Cleaning & Maintenance Guide

TredDEX PVC inserts are designed for ease of cleaning.

A mild detergent solution should be used to clean, followed by a light buffing with a clean cloth.

Use a scouring pad with a mild detergent to remove any heavy soiling.

We do not recommend the use of any form of polish or any substance that could reduce the slip resistance of the Stairnosings.

Do not use bleach, acids or solvents, as this could damage the insert.

Always ensure that the Stairnosings are fully dry before allowing any foot traffic.

If you are in any doubt, or for more advice, please contact 0117 3041 040



Technical Information

Material - Aluminium alloy with PVC insert

Suitable areas of use - For internal use only

Light - Coloured inserts may fade in prolonged sunlight

Fire - Self extinguishing - No support to combustion

Electrical - Aluminium is conductive

Thermal - Avoid large variations of internal temperature

Chemical - Avoid contact with acetone or strong acids

Biological - Will not support infestations or organic growth



Test Method

The measurements were made on a Datacolor Spectraflash Spectrophotometer an integrating sphere instrument with dual beam architecture and a pulsed xenon light source. It is calibrated using a white standard with values directly traceable to standards at the National Physical Laboratory.

The test procedure follows CERAM In House Test Method Ww22, and complies with the requirements of BS.8493:2008+A1:2010.

Measurements were made in the Specular Included (8Deg:di) mode with a 30mm diameter aperture.

4 measurements were made at quidistant points on each specimen.

TEST SPECIMENS

3 specimens of each type were measured after cleaning to remove any marks.

Insert colour / Light Reflectance Value (on Y₁₀ Scale)

Black / **4.5**

Dark Green / **6.3**

Brown / **9.1**

Dark Blue / **9.2**

Red / **10.6**

Dark Grey / **12.8**

Light Blue / **13.5**

Light Grey / **27.6**

Orange / **28.0**

Beige / **41.1**

Yellow / **55.7**

White / **79.9**

Cloud / **28.57**

Sky / **52.63**

Duck Egg / **47.72**

Clay / **47.97**

Aluminium Profile / **78.9**

Stair edgings must contrast to the surrounding floorcoverings by 30 points on the Light Reflectance Value (LRV) scale in line with guidelines in BS8300:2009 and Approved Document M of The Building Regulations 2000.

