

P26931

Comsant Basement LTD

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8. Installation procedures

8.1 General Recommendations

- Regardless of where Altro floor covering is installed, it is a standard requirement that all seams (horizontal or vertical), internal and external corners are cut in, grooved and heat welded to provide a floor surface conforming to the highest standards of safety and hygiene.
- It is essential to ensure that rolls used in any one area are from the same manufacturing batch and laid in numerical sequential order.
- For shade matching, no sheet should be laid at right angles to another.
- Always protect newly installed floor coverings from work by other trades. Use a non-staining protective covering.
- The initial clean of Altro floor covering is essential. A poor initial clean will make the routine maintenance more difficult.

8.2 Preparation

- Subfloor preparation must be carried out in accordance with the Resilient Floor Covering Institute Installation Practice #1 www.RFCI.com and as recommended by Altro.
Refer to Section 4.2 Subfloors & Underlayments.
- All patching and leveling must be accomplished by using only Portland cementitious underlayment material.
Refer to Underlayment Manufacturer for suitable products.
- Never install over gypsum-based toppings, underlayments, leveling or patching compounds.

Note: Altro is not responsible for failures related to subfloor preparation products recommended and installed by others.

- Surfaces must be prepared in accordance with the underlayment manufacturer's instructions.
- It is best to make rough cuts and let the Altro floor covering become conditioned to the recommended installation temperature. This allows the material to "relax" and makes it easier to install.
- Check carefully to see that drops match in shade. It may be necessary to reverse sheets of Altro floor covering to obtain a side shade match. If a side shade match cannot be accomplished, do not install. Contact your Altro distributor.
- When cutting to length, allow 1" (25mm) at each end for trimming.

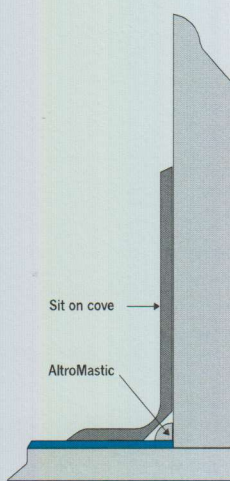
8.3 Seaming

- Trim the factory edge in order to remove the edge-curl created during roll storage. Trim a minimum 1/2" (1.25cm) off all seam edges.
- Place material into position and overlap the seam edges 1" (25mm).
- All seams must be cut to fit "net" and not pressure fitted or gapped.
- Do not butt factory edges.
- For products with wood visuals, we recommend all seams be run parallel to the running pattern of the flooring. Cross joints should be avoided where possible as these will stand out against the natural wood pattern of the flooring.
- Altro floor covering seams may be trace cut using the Altro scoring blade followed by the Altro hook blade. Use the trimmed edge as a guide.

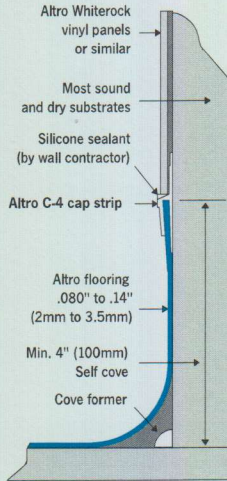
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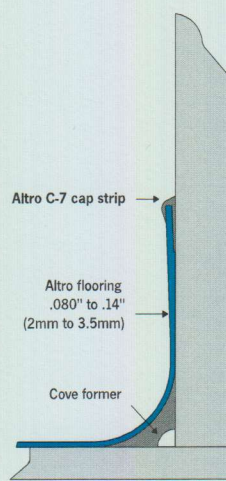
6. Finishing details



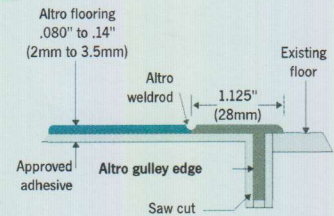
Sit on cove detail



C-4 detail

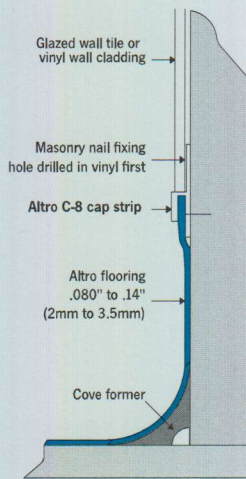


C-7 detail

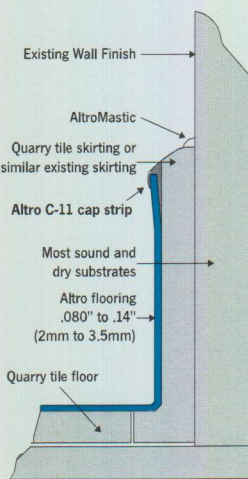


0.75" (20mm) deep x 0.16" (4mm) wide install gulley edge using Altrofix 30 or approved polyurethane adhesive

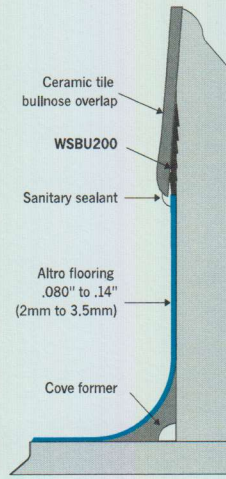
Gulley edge detail



C-8 detail



C-11 detail



Ceramic tile bullnose overlap detail

4 Tubs for Altro flooring

CI/Sfb (43) Yt3

August 2011

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STYCCOBOND F74

Polyurethane Flooring Adhesive

PRODUCT DATA

INTRODUCTION

STYCCOBOND F74 is a single pack, moisture curing polyurethane adhesive suitable for fixing floorcoverings and for seaming synthetic grass carpets. It is water resistant and although it is suitable for outdoor use, it is not intended to be used as, or a substitute for a surface damp proof membrane. It is resistant to oil and grease and is suitable for use over normal underfloor heating systems.

STYCCOBOND F74 can be used for securing needlepunched / fibre bonded carpets, synthetic grass carpets, PVC, latex, polyurethane and rubber backed carpets, vinyl and rubber floorings.

Refer to the STYCCOBOND Recommended Adhesives Guide for details of specific floorcoverings

STYCCOBOND F74 can be applied to STOPGAP smoothing underlayments, sound, smooth subfloors of concrete, granolithic, sand/cement screeds and plywood.

When laying impervious floorcoverings onto non-absorbent subfloors e.g. vinyl flooring onto terrazzo, the subfloor must be prepared and skimmed with a minimum 3mm of the appropriate STOPGAP smoothing underlayment to assist curing.

For details on other subfloors, contact our Technical Service Department.



FEATURES

- Water resistant
- Suitable for outdoor use
- Resistant to water, oil and grease when cured

STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the requirements of the relevant British Standard Code of Practice i.e. BS 8203 (Installation of resilient floorcoverings) and supplementary specifications.

PACKAGING

7kg pail

Once opened the whole pack should be used or discarded.

TECHNICAL INFORMATION

Colour	Beige
Consistency	Thick Paste
Coverage Rate (Approx.)	1.4m ² per kg with a 2mm x 6mm trowel, 2.35m ² per kg with 1.5mm x 5mm trowel or 1.2m ² per kg with 3mm x 6mm trowel.
Open Time	20 - 25 minutes depending on temperature, humidity and absorbency of the subfloor
Cure Time	Initial set 2 - 6 hours Full cure 48 - 72 hours

HOW MUCH MATERIAL?

PACK SIZE	TROWEL SIZE	COVERAGE PER UNIT
7kg	1.5mm x 5mm	16.5m ²
7kg	2mm x 6mm	10m ²
7kg	3mm x 6mm	8.5m ²

Note: Coverage rates will depend on the condition and absorbency of the subfloor.

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SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floorcovering. Subfloors must be sound, smooth, dry (<75% RH) and free from laitance and any contaminants which will affect adhesion. Use STYCCOCLEAN C140 for removing grease, oil, polish, soap etc. from non-absorbent substrates.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The subfloor and ambient temperatures must be above 10°C. Underfloor heating must be off for at least 48 hours before and after application.

For application in external environments, although it is not necessary for subfloors to be totally dry, the surface must be visibly dry before the adhesive is applied.

For detailed information, request the F. Ball Subfloor Preparation Guide.

DAMP SUBFLOORS

The Relative Humidity (RH) of the subfloor can be measured using the F. Ball Digital Hygrometer. Where the RH value is greater than 75% the appropriate STOPGAP waterproof surface membrane should be applied.

SMOOTHING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using STOPGAP smoothing underlayments.

PRIMING

Priming is not required.

ADHESIVE APPLICATION

Store the adhesive in warm conditions before use to assist spreading.

Fixing floorcoverings - floorcoverings must be laid and allowed to flatten for 24 hours before securing and should be cut to fit before spreading the adhesive. Holding the trowel at an angle of 60°, spread the adhesive evenly over an area of subfloor that can be covered within the open time of the adhesive.

Lay the floorcovering immediately and roll to ensure overall adhesion. **Apply weights as necessary to ensure contact between flooring and substrate until the adhesive has set.** With deeply profiled or rough backed floorings, it may be necessary to apply extra adhesive to ensure good contact. In such cases use a STYCCOBOND 3mm x 6mm 'V' notched trowel. This will reduce the coverage rates quoted.

Seaming synthetic grass carpets

Holding the trowel at an angle of 60°, apply the adhesive to the seam backing material and immediately place the carpet in position. Press firmly into place and apply weights to ensure contact until the adhesive has set.

The open time of the adhesive is dependent on temperature, humidity and absorbency of the subfloor.

PRECAUTIONS

Do not weld vinyl floorcoverings until the adhesive has fully cured.
Do not apply loads or move furniture on the floorcovering until the adhesive has fully cured.
External installations must be protected from rain until the adhesive has cured.

TOOLS

STYCCOBOND 2mm x 6mm 'V' notched trowel or a STYCCOBOND 1.5mm x 5mm 'V' notched trowel for smooth backed resilient floorcoverings. Deeply profiled or rough backed floorings use a STYCCOBOND 3mm x 6mm 'V' notched trowel. F. Ball 68kg flooring roller.

Clean tools with STYCCOCLEAN C141 before the adhesive has cured.

STORAGE

Store between 5°C and 30°C. Protect from frost.

SHELF LIFE

9 months in unopened containers stored under good conditions.

HEALTH AND SAFETY ADVICE

This product is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Obtain the relevant Material Safety Data Sheets and follow the advice given. These can be found at www.f-ball.co.uk alternatively these can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

Site conditions vary, to ensure this product is suitable and to confirm this data sheet is current please contact our Technical Service Department.

For further information about F. Ball products or more detailed technical assistance, please contact:



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1 TUB for skintings

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STYCCOBOND F66

Solvent Free Contact Adhesive



Scan to view the product demonstration video



PRODUCT DATA

INTRODUCTION

STYCCOBOND F66 is a solvent free contact adhesive providing a safer alternative to conventional solvent based products. The adhesive should be applied by notched spreader and/or sponge applicator. The adhesive is suitable for use over normal underfloor heating. The formation of an instant bond makes it particularly suitable for use on vertical surfaces.

STYCCOBOND F66 can be used for securing PVC and rubber edgings, covings and nosings, floor and wallcoverings with backings of PVC, rubber, cork and most textiles.

Refer to the F. Ball Recommended Adhesives Guide for details of specific floorcoverings and wallcoverings.

Sound flooring grade asphalt must be skimmed with a minimum of 3mm of the appropriate smoothing underlayment.



STYCCOBOND F66 has been tested to the standards of the International Maritime Organisation and approved for use in marine floor installations. USCG approval No. 164/112/1121/WCL MED0404.

STYCCOBOND F66 can be used on substrates of Plaster, Cement Render, Wood, Stone, Metal and UPVC.

For details on other surfaces, contact our Technical Service Department.



FEATURES

- Solvent free
- Suitable for use on vertical surfaces
- Good drying characteristics
- Approved for marine use

STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the requirements of the relevant British Standard Code of Practice i.e. BS 8203 (Installation of resilient floorcoverings) or BS 5325 (Installation of textile floorcoverings) and supplementary specifications.

PACKAGES

5 litre bucket

TECHNICAL INFORMATION

Colour	White
Consistency	Creamy
Coverage Rates (Approx.)	5m ² per litre per coat or 125 linear metres of 100mm wide coving per 5 litres with a notched spreader 9m ² per litre per coat with an applicator sponge
Open Time	After application leave the adhesive to dry for approx. 30 to 40 minutes. The two surfaces can then be pressed together within the next 7 hours. If open time exceeds 7 hours heat reactivation may be used.
Drying Time	From 30 minutes

HOW MUCH MATERIAL?

PACK SIZE	APPLICATION	COVERAGE PER UNIT
5 litres	1.4mm x 2.5mm spreader	25m ²
5 litres	Applicator Sponge	45m ²

Note: Coverage rates will depend on the condition and absorbency of the subfloor or surface.

SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floor or wallcovering. Surfaces must be sound, smooth, dry (<75% RH) and free from laitance and any contaminants which will affect adhesion. Use STYCCOCLEAN CI40 for removing grease, oil, polish, soap etc. from non-absorbent substrates.

Wall surfaces must be free from any previous coverings or linings and the adhesives used to fix them. Paint films must be removed. Any mould must be removed and the affected surface treated with a copper free fungicidal wash.

All surfaces must incorporate adequate damp proofing, i.e. a DPC in walls and a DPM in floors.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 5°C throughout the application and drying of the adhesive. Underfloor heating must be off for at least 48 hours before and after application.

For detailed information, request the F. Ball Subfloor Preparation Guide.

PRIMING

On suitably prepared, very absorbent surfaces use neat STOPGAP P121 or diluted STOPGAP P131 in accordance with instructions on the appropriate Technical Data Sheet.

DRYING TIME

Typically 30 to 40 minutes, however drying is dependent upon ambient temperature/humidity.

Drying of the adhesive film can be accelerated by use of warm air being directed across the applied adhesive.

Care must be taken to avoid overheating and consequent distortion of some floor and wallcovering materials.

ADHESIVE APPLICATION

Use the spreader, held at an angle of 60°, to apply the adhesive to one face (ideally the absorbent) and the sponge to spread a film on to the corresponding face to be adhered. Allow the adhesive to become touch dry before bringing the two surfaces together then apply pressure from the centre outwards to avoid trapping air, ensuring that good contact is made over the whole area. Roll floorcoverings with a 68kg roller. Apply pressure to wall coverings using a hand roller.

When securing smooth, non-absorbent surfaces application of adhesive by sponge is recommended. It is important to ensure that an even application of adhesive is achieved on both surfaces.

One way bonding of certain floorcoverings to absorbent subfloors is possible. The adhesive should be applied using the notched spreader, to the subfloor, and the flooring laid whilst the adhesive is still wet. For specific floorcovering recommendations consult our Technical Service Department.

PRECAUTIONS

When securing floorcoverings to stair treads and risers ensure sufficient adhesive is applied, by using the notched spreader.

Correct positioning is essential as an immediate bond forms when the two surfaces are brought together.

When using an applicator sponge, care must be taken to ensure that sufficient adhesive is applied. Do not apply too thinly or exceed the stated coverage figures.

The 'V' notched spreader must be used when applying adhesive to coverings with textured or profiled backings.

TOOLS

'V' notched spreader 1.4mm deep at 2.5mm centres. Applicator Sponge. Clean tools with cold water immediately after use.

STORAGE

Store between 5°C and 30°C.
Protect from frost.

SHELF LIFE

12 months in unopened containers stored under good conditions.

HEALTH AND SAFETY ADVICE

Obtain the relevant Safety Data Sheet and follow the advice given.

These can be found at www.f-ball.co.uk alternatively these can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

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