

## Coved skirtings, welded inner & outer corners

Aseptic or hygiene critical environments in the health care sector as well as in the pharmaceutical and biotech industries typically require coved skirtings, angles and corners to allow for perfect cleaning and disinfection also in difficult to reach areas.

In addition, these transition areas between floor and vertical surfaces must be watertight and without cracks or interruptions, as required by current GMP regulations.



Seam welding missing for illustration purposes

Skirtings, angles and corners can all be made with Colorex material, taking advantage of its surface quality and of the homogeneous welding technique which are unique to Colorex.

These step-by-step instructions, demonstrated on a floor mock-up made on purpose, represent the state of the art procedure to realize these elements.



Install floor first, leaving a 5cm gap to wall. Apply supporting profiles with contact adhesive and spread profiles with contact adhesive as well.



Weld several tiles together, GMP compliance requires welding on the front side. Spread back side with contact adhesive.



Cut in 15cm wide stripes.



As a time saving alternative, we suggest to use pre-welded skirting stripes available from us. Refer to last page for details.



Skirting need a rounded end to fit in the coved corner. To prepare a template as shown, make a drawing by pressing a sheet of paper on the coved corner and following the curve with a pen.



Scarify the skirting end using your template...



...cut...



...and warm up with the hot air gun to bend.



Skirting must be fully flexible to fit well in the coved corner. Heat will also reactivate the contact adhesive on the back.



Apply skirting, wall first.



Press skirting firmly into the cove with the appropriate tool.



Pay attention to always overlap skirting and flooring edge by approx 1cm.



Cut off excessive material following a straight line down to the corner of the floor tile.



Trim skirting flush with floor tiles using a scribe and knife or directly, using the Linocut tool.





Skirting cut flush with floor tiles.



Continue with skirting application. Cut outer corners as shown.



Always use a metal guide for these operations



Pay attention to the 45° cut.



Next, groove skirting junction lines in corners,



like this.



Angles must be grooved too, as shown



Grooving is necessary to weld angles and corners in a watertight and GMP compliant manner.



Cut Colorex stripes approx 1 cm wide



Scrap the Unigrid off the back with a scraper



With a small hot air gun and the appropriate flat welding nozzle...



...weld the stripe firmly into the groove, starting from top





Set welding temperature to approx. 350° C, adjust if necessary



While still warm, remove excess material with a sharp crescent shape knife.



Let the welding cool down completely before refining the welding as shown



Use round or triangle hand grooving tools as needed



Finishing will have to be done by hand as shown further down.



Weld outer corners as shown: Start welding the stripe at the beginning of the cove...



...and going up.



Afterwards, weld the remaining part with the flat welding nozzle



Intermediate result before refining



Cut excess material with knife...



...crescent shape knife...



...and hand grooving tools.





Carefully refine with Powerfile from B&D...



...and/or by hand...



...with medium grade sand paper.



With some acetone and steel wool...



...you can finish off the weldings



Acetone will make the sanding traces disappear.





Final result covered corner.



Final result covered angle.



Finally, groove and weld the junction lines between skirtings and floor tiles.



This welding is close to the wall and welding by hand might be necessary



1<sup>st</sup> passage: trim with slider and knife while still warm

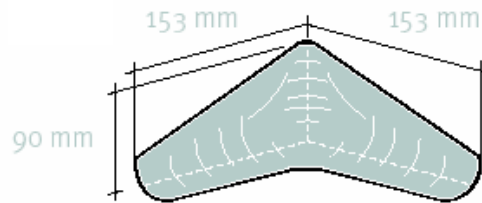


2<sup>nd</sup> passage: when cold, flush trim with sharp crescent shape knife.

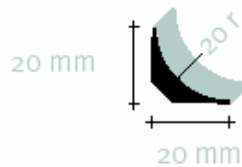
**Details and ordering information for coving profiles and accessories:**



Underlay inner corner profile  
Material: Glass fibre, reinforced  
Order No. 1400 00  
Selling unit: by piece



Underlay profile for covered skirtings  
Material: Extruded PVC  
Order No. 1500 00  
Selling unit: 2 x 25 lm



Pre-welded skirting stripe, invisibly welded  
Material: Colorex SD 2.0mm  
Order No. 1600 + colour code  
Standard colours available:  
01 - Everest      21 - Pacific  
04 - Montblanc    22 - Niagara  
05 - Adula        26 - Mint  
11 - Gobi         29 - Luna  
13 - Sahara       27 - Jasmine  
15 - Oasis        28 - Basil  
Selling unit: 2 rolls @ 12,20 lm x 150mm