

Installation Guidance Note: Welding Linoleum

Hessian backed linoleum stretches slightly in the width during installation. This means that a skilfully cut seam will close tightly by the time the adhesive has cured to bond the linoleum in its final position. A correctly cut seam will not open up during the life of the linoleum and is often considered to be aesthetically better than a welded seam. This is particularly so in the case of plain and cork linoleums such as Walton and Touch. So if the installer possesses the skills to achieve a good seam, and if the application allows, welding of Marmoleum is not obligatory.

It is usual for seams to be hot welded with Marmoweld welding cable in areas likely to be subject to wet maintenance or in areas such as hospitals where hygiene is important. In such instances it is normal for seam welding to be included in the specification. The introduction of Marmoweld mc, a multi coloured weld rod manufactured to match the colour

and decoration of the floor, means that an almost invisible welded seam can be achieved where welding is necessary. Seam welding is also a skilled operation but as floor layers are accustomed to welding sheet vinyl floors, which, unlike linoleum, may have a tendency to shrink and therefore have to be welded, they are likely to be experienced in this task. The introduction of Marmoweld mc, a multi coloured weld rod manufactured to match the colour and decoration of the floor, means that an almost invisible welded seam can be achieved where welding is required.

Points to note

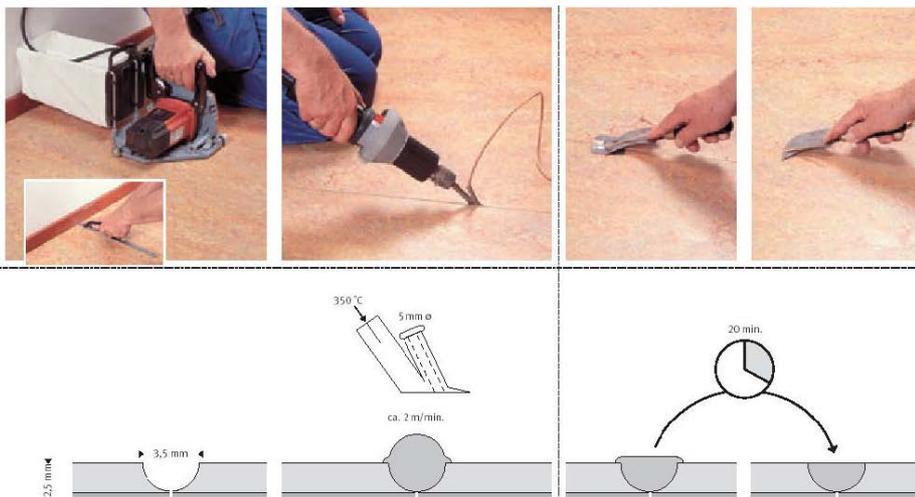
Welding and trimming techniques for linoleum are the same as those used for vinyl products; however, the composition of linoleum weld cable requires a different welding temperature and speed. Problems encountered with welding are usually due to either welding at the wrong temperature and/or speed,

or use of incorrect trimming techniques.

Linoleum should be welded at a temperature of approximately 300-350° C. (see weld gun manual for setting details). Weld guns will vary, so it is always advisable to practice weld techniques first on a piece of waste material in order to match the correct air gun temperature with welding speed.

The weld cable should be trimmed whilst warm using a spatula and slide, which will leave the weld cable approximately 0.5mm proud of the surface of the linoleum. As with vinyl, the weld cable will dish slightly as it cools. Wait until the material is cool before trimming the remaining surplus weld cable using a spatula angled slightly across the line of the seam.

If linoleum abuts a vinyl sheet floor covering then the seam may be welded using the above procedure if required, with Marmoweld weld cable.



NB: Attempting to trim the weld cable flush with the floor covering in one operation will often result in the weld cable being pulled out of the seam resulting in avoidable re-welding of the seam.

Additional Reference documents

Forbo Floor coverings Installation Guide (Tel: 01592 64377)

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