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pavimenti in resina

COLLEDANI MATERIA APPLICATION

Fields of applications

Colledani Materia can be applied on solid concrete slab. **Colledani Materia** is compatible with residual substrate moisture and can be laid down directly on 15-day concrete.

Application conditions:

In order to have best results material, substrate and air temperature should be in a range between 10 - 27 °C.

Colledani Materia will only provide optimum performance if applied on properly prepared, sound, stable, clean and dry substrates. Spending time and care in considering substrate design and preparation will help to ensure a better laying down and a higher wear and tear resistance.

The screed must be smooth and even, crack free and solid close, with a clean surface, structurally sound and free from foreign materials, contaminants, oily and silicone products and other debris.

The minimum tensile (pull-off) strength must be 1.5 N/mm².

All laitance shall be removed. All imperfections, such as holes and cracks, must be repaired and levelled. All expansion joints on the floor screed need to be marked before laying **Colledani Materia**. They will be cut out again after the layer dries. Joints will finally be filled with proper polyurethane sealant.

Colledani s.r.l. Via Venceslao Menazzi Moretti - Z.A.P. - 33037 Pasian di Prato (UD)

Cap.Soc. € 20.000,00 Interamente versato - nr. Iscriz. Reg. Imprese: 02478490309 nr. Rea: 264029
Tel. +39 0432012305 - Fax +39 0432012306 - P.IVA e C.F. 02478490309 - www.colledani.it - info@colledani.it



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Environment requirements

During working time, the temperature should be between 10 - 27° C, out of air streams and in a dust free situation.

Preparation:

Cement laitance present on the surface must be eliminated mechanically. Any cracks present in the surface must be repaired with Materia itself or cement mortar. Before application any dust present on the substrate must be completely removed.

Preparing the product:

Colledani Materia is a ready-made dry mix, available in several colours. Add 20% of water, proportionally to the weight, to Materia and mix only with an electric mixer at ~300 rpm, in order to obtain a well mixed, homogeneous blend; mix until the consistency allows to be well applied with trowel.

First coat:

Lightly water the screed surface to get an uniform absorption.
Apply first layer ~ 1mm thk on floor smoothing by trowel.

Second coat:

As soon as it is possible to walk on the first layer, prepare the mix for a second layer and proceed as done for the first one, fresh on fresh.

Sanding:

24-48 hours later, and only if the last layer has completely hardened, carefully sand the surface with a No. 100 - 120 abrasive disk sander, until the required pattern is obtained.

Finishing layer:

Carefully remove the dust by vacuum cleaning; then, using a smooth-haired roller apply uniformly **Colledani FP** sealer, two coats for a consumption of 0.1-0.2 kg/sqm per coat, according to the characteristics of the substrate.

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WARNING:

Indications given above come from the company's current knowledge and experience. They must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use the product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

Colledani S.r.l. reserves the right to change technical characteristics, descriptions and specifications anytime.

PRODUCT FOR PROFESSIONAL USE.

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