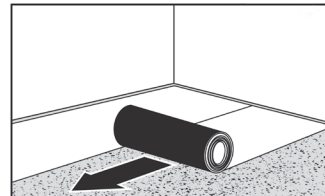


[303A] GERFLOR SMART FIX 16 DB

All underlays should be examined prior to installation for any visible defects. If there are any visible defects, please notify GERFLOR and do not begin installation without its prior approval.

DEFINITION: Polyurethane underlay pre-coated with adhesive at the area that can be combined with: CREATION 30 DESIGN - 55 TREND.

GERFLOR SMART FIX 16 DB UNDERLAY	
Packaging	1 X 7,5 m roll = 7,5 m ²
Thickness	2 mm
Tile- or Plank-side surface	Adhesive-coated surface



1. APPLICATION

INSTALLATION TEMPERATURE	+18°C < T < +26°C (ideally 20 °C)
USAGE TEMPERATURE	+15°C < T < +30°C
DIRECT SUNLIGHT (SUNNY AREA OF BAY WINDOWS, SKYLIGHT, SKYDOME, ETC.)	Loose laying is allowed as long as the ambient temperature is regulated. In order to prevent the floor temperature from reaching excessive values of up to 60 °C or above, direct sunlight on the floor should be obscured by curtains, blinds or other suitable protection. Otherwise maintain the underlayer Smartfix with a tape FIX & FREE 740 by Gerflor (Ref.: 058W0001).
VERANDA	Not permitted, irrespective of the substrate

2. SUBSTRATES

SMOOTH CERAMIC TILES	The floor surface must not have any uneven areas and the joints must not be recessed. If necessary, apply a levelling compound to eliminate any surface irregularities.
CONCRETE FLOOR, PAINTED CONCRETE, LEVELLING CONCRETE, CEMENT-BASED OR ANHYDRITE LIQUID SCREEDS	Always apply a levelling compound to eliminate any surface irregularities. Grind, remove dust.
PVC TILES AND COMPACT ROLLS	If the substrate requirements are met and more than 90% of the room's surface is in good condition, remove the defective tiles, fill the gaps with levelling compound, and then lay the GERFLOR SMART FIX 16 DB underlay after the subfloor has dried. Otherwise, the entire floor covering will have to be taken up and the substrate prepared from scratch.
FOAM-BACKED FLOOR COVERING	Not permitted Take up the flooring and prepare the substrate from scratch.
TEXTILE FLOOR COVERING (CARPET)	Not permitted Take up the flooring and prepare the substrate from scratch.
VINYL ASBESTOS TILE	Refer to the Technical Guide for Overlaying asbestos floors available with Gerflor (www.gerflor.com).
WOOD-BASED PANEL FLOORING (DTU 51.3) ON JOISTS OR ON BATTENS	Allowed
GLUED PARQUET	Complete removal
PARQUET NAILED ONTO BATTENS SPACED NO MORE THAN 0.30 M APART, WITH VENTILATION OF THE INSIDE FACING	Allowed
FLOATING PARQUET OR PANEL	Complete removal
LAMINATED FLOOR	Complete removal
OSB BOARD	Complete removal or recover with plywood
UNDERFLOOR HEATING	
UNDERFLOOR HEATING WITH CIRCULATING HOT WATER AT MAXIMUM 28°	Allowed
RADIANT UNDERFLOOR HEATING SYSTEM, THE REGULATIONS REQUIRE ≤ 0,15 M ² X ° KELVIN / WATT	Not permitted
LOW TEMPERATURE WATER REVERSIBLE UNDERFLOOR HEATING	Allowed

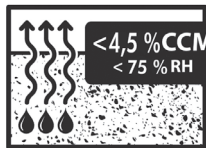
IMPORTANT: The information in these documents is valid from: 01/12/2019 and is subject to change without prior notice. We are continuously making technical improvements to our products; before starting any work, our customers should check with us that this document is still in force.

3. SUBSTRATE PREPARATION

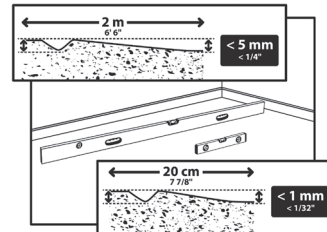
3.1.1. Substrate requirements



The underlay must be laid on a flat, clean, sound, dry and solid substrate.



The moisture content must not exceed 4.5% with a 'carbide bomb' meter test and 0.5% for anhydrite screed. (see section 3.2)



- The evenness must be < 5 mm under a 2-metre straight edge.
- The substrate must have no unevenness > 1 mm / 20 cm.
- The substrate should be smooth and dust-free.

3.1.1 Tiled substrate

The dividing joints or grouting joints must not be recessed.

3.2. PREPARATORY WORK ON NEW CONCRETE SUBSTRATES

The surfaces should be prepared with care so as to remove any soiling, laitance, curing compounds or any other foreign bodies. If the substrate does not meet the requirements, a substrate preparation must be carried out:

- **Substrate moisture content < 4.5% / 75% RH:** the compound must meet class P3 specifications.
- **Substrate moisture content between 4.5 and 7% and or 75-92% RH:** we recommend applying a rising damp treatment before you apply a patching compound or a damp proof membrane

- **Localised levelling:** a resin mortar (bearing the NF mark for concrete repair products) may be used in isolated areas which do not meet the requirements in terms of evenness and surface finish.
- **Crack treatment:** treat cracks before applying a patching compound if the uneven area is > 1 mm or there is a gap of > 1 mm.
- **Joint treatment:**
 - Contraction joints: treat joints before applying a patching compound if the unevenness is > 1 mm or there is a gap of > 4 mm.
 - Construction joints: similar to cracks, same treatment.

4. INSTALLING THE UNDERLAY

4.1. DIVIDING

Each enclosed room must be considered separately. Division requirements:

- In case of a surface > 150 m², divide in areas of 150 m², by applying fix & free 100 double-sided adhesive tape to fix the underlay to the subfloor. (Ref. 058U0001 – Width 10 cm).
- Every 10 m along the length of planks or tiles. Divide the surface into equal areas. E.g.: 12 m --> 2 x 6 m, 16 m --> 2 x 8 m, 20 m --> 2 x 10 m, 24 m --> 3 x 8 m, 40 m --> 4 x 10 m.
- At door threshold and around pipes.

4.2. LAYING FLAT

Rolls of underlay must be stored where they are going to be laid, and preferably laid flat, for at least 24 hours before laying with the planks or tiles (minimum ambient temperature of 20°C).

The room temperature at the time of installation must be between 18 and 26°C, with the floor temperature not exceeding < 15°C.

4.3. INSTALLATION

- **Arrange the underlay with the adhesive-coated part facing upwards, in the opposite direction of the plank / tile laying direction.**
- Position the underlay edge to edge.

- Gently stretch the underlay by hand when fitting Gerflor products to prevent any folds or underlay strip overlaps from forming beneath the tiles or planks.

It is not necessary to join underlay strips together with adhesive tape.

- Trim the underlay and the planks / LVT tiles along the walls or existing skirtings, leaving a 5 mm edge clearance. To cut and remove the protective paper, tilt the blade to avoid cutting the underlay.
- Lay the planks / tiles in compliance with CREATION 30 DESIGN - 55 TREND Installation Guidelines.
- Avoid laying underlay joints and plank / tile joints side-by-side.

