

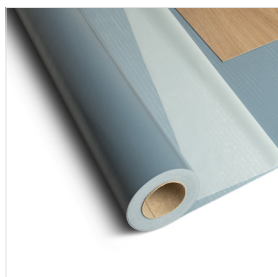
Flex Pro Pure underlay

TechnicalDataSheet
EN

General Information

Flex Pro Pure is the self-adhesive underlay that installs fast, without glue and that is 100% recyclable. No glue, no mess, no waiting around. Just place, peel, press and get the job done. In addition, everything is 100% recyclable, so there's zero waste - just a circular future!

Do you want to transform your ceramic tile floor without removing it? Flex Pro Pure is the perfect solution. It allows you to install a new Vinyl Dryback floor without the need for a major renovation. For more details, refer to the Installation section at the end.



CommercialName

Order code	MODVUDLFLEXPROPURE
M²	6,5 m²
Dimensions	6500 x 1000 x 1,8 mm
Weight	16,9 g
Composition	Polyurethane
Colour	Grey blue

ApplicableFor

Moduleo Roots, Moods and Intoo.

Features

Installing the correct underlay has a major impact on the quality, acoustics and longevity of your finished floor.

Fast installation

Flex Pro Pure cuts installation time in half. Finish the job in one go - no waiting for adhesives to cure or subfloors to dry. Unlike traditional glued installations, this flooring solution is ready to walk on immediately.

Easy installation

No glue, no mess, no drying times and no extra steps. It's as simple as place, peel and press.

Less subfloor preparation

Levels out minor irregularities of less than 3mm wide.

Sustainable choice: Easy to recycle, remove & repair

Recycle your floor along with the attached underlay through Unilin's Recover program. Facilitates easy removal without causing damage to the subfloor. Allows for damaged planks or tiles to be replaced effortlessly.

Compatible with underfloor heating or cooling

Performance

If you're going for a quick and smooth floating installation, choosing the right underlay is essential. All performance tests are carried out in accordance with EN-16354.

Summary	
PunctualConformability	0,55 mm
CompressiveStrength	> 700 kPa
CompressiveCreep	> 75 kPa
DynamicLoad	> 4.000.000 cycles
MoistureResistance	N.A.
ImpactSound	10 dB
ReflectedWalkingSound	□□□□□
ThermalResistance	0,01 m²K/W
ReactionToFire	Bfl-s1

ImpactSound

Description	The sound waves that travel through your floor and can be an annoyance to your neighbours.
Result	10 dB (with 2,5mm Moduleo LVT Dryback)
TestMethod	Impact sound reduction is expressed as ΔL_w and gives the weighted reduction of impact sound pressure and is measured according to the EN-16354 protocol.
Importance	Impact sound can be a cause of annoyance and friction between neighbours. Check your local Building Codes / Standards for any specific requirements.

ReflectedWalkingSound

Description	The sound you hear when you walk across the floor.
Result	★★★★
TestMethod	The reflected walking sound is measured according to EN-16205. There is no general rating scale, therefore we rate the impact of the various underlays on reflective walking sound in stars at Moduleo.
Importance	In rooms with lots of traffic, the tapping noise of shoes can be experienced as very annoying.

ThermalResistance

Description	This underlay is suitable for underfloor heating or cooling.
Result	0,01 m ² K/W
TestMethod	EN-16354
Importance	The thermal resistance of an underlay measures the temperature difference when there is a thermal transfer through the material. It is the thickness of the product divided by its conductivity and its measuring unit is m²K/W. This value needs to be either high or low depending on the preference of the customer. For application over underfloor heating or cooling, this value needs to be low and for situations where additional insulation is required, this value needs to be high. When evaluating the thermal resistance, the thermal resistance of the entire flooring system (floor + underlay) needs to be combined ;For applications on top of underfloor heating or cooling systems , this value cannot exceed 0,15m²K/W. Please follow carefully our underfloor heating instructions. Should you have any further questions or problems, please do not hesitate to contact our technical department via technical.services@unilin.com.

Installation

Before installing your Moduleo Vinyl Dryback flooring, you must decide whether you go for a glued-down or floating installation. Please consult our Moduleo Vinyl Dryback installation instructions first before you start.

- 01 Flex Pro Pure can be installed directly over existing floor coverings, such as ceramic tiles, linoleum, compact PVC floors and wooden floorboards. The subfloor must be clean, dry and flat. Any unevenness of more than 0,2 mm over a length of 20 cm must be levelled out in order to prevent telegraphing. The same applies to unevennesses of more than 3 mm over a length of 2 m, as the Flex Pro Pure can smooth out small irregularities of a maximum of 3 mm wide. For installation over ceramic tiles with joints wider than 3 mm, Moduleo FloorPrep can be used to smoothen the tile joints. Height differences between tiles must be levelled out as well.
- 02 The Flex Pro Pure underlays needs to be acclimatised between 18-30°C and installed on floors with a minimum surface temperature of 18°C during installation.
- 03 Vinyl Dryback from Moduleo can be installed tension free, making sure the Flex Pro Pure and Dryback system is not fully fixated between walls. Respecting an expansion gap of 1 to 2 mm at the perimeter of the room/area is advised. Installing Dryback floors other than Moduleo requires expansion gaps of 5 mm at the perimeter of the room/area. In addition, should a single wall or run be longer than 8 linear meters, then a 5 mm expansion gap should be allowed within the floor surface in the middle of the room.
- 04 Unroll the underlay on the subfloor with the logo downwards. Lay the underlay row at a 90° angle to the laying direction of your floor. Do this row by row, as the laying of your floor progresses. Make sure the underlay fits together tightly but also make sure that the rows cannot slide over each other. There is no need to fix one sheet to another. Do not use adhesive.
- 05 Special care must be taken to avoid hot-spots or isolated areas of prolonged exposure to direct sunlight through un- or low protected glass, in front of a wood burner, other direct heat source,... It is recommended that the floorcovering is shaded from direct sunlight and otherwise protected from any direct heat source that increases the temperature in a localized area. The temperature in the room and the temperature of the floor must always be between 18°C and 45°C.
- 06 In order to reach the optimal bonding strength, it is obligatory to roll the installed floor with a heavy weight roller of at least 50 kg. Wait no longer than 2 hours after installing the floor before rolling on the installed area.

Warranty

The use of the appropriate Moduleo® underlay is covered. If Flex Pro Pure is installed with floors other than Unilin Vinyl Dryback, Unilin only guarantees the performance of the underlay. The compatibility and performance of the full flooring system can't be ensured. The rules of the manufacturer of the Vinyl floor must be followed in terms of compatibility with the underlay.