Technical Specification
FINIXPE Underlay

Technical Data

The next generation of "Floating Floor" underlay is now here. FINIXPE underlay is a premium acoustic underlay made up of sound dampening high performance cross-linked foam, with an overlapping vapour barrier of 80 micron HDPE (High Density Polyethylene), for extra moisture protection at the joints.

IXPE

Irradiated Cross-Linked Polyethylene (IXPE) is an extra fine foam manufacturing technology that offers advanced moisture protection, stops impurities from leeching through the screed and joints into the floor above while at the same time acts as a shock absorber. It is this Progressive Foam Technology (PFT) which contributes to its supreme sound suppression/reduction.

The material in itself is totally non-toxic and odourless and does not contain any toxic auxiliary agents in the make-up. The IXPE is resistant against mold & mildew, with excellent anti-crush technology and properties for better performance over an even greater life span, with very good memory retention, which will contribute to the continued performance of your floor over many years of use.

The moisture membrane, a clear 80 micron virgin HDPE plastic, laminated to the top of the IXPE underlay, has a 100mm overlap on the one side and a self-sealing strip for quick and easy installation on the other. The membrane, being of virgin origin ensures that there is no moisture penetration through the underlay or degradation of the membrane after installation.

Product Specifications

Material	IXPE (Irradiated Cross-Linked Polyethylene) acoustic underlay
Colour	Black
Type	IXPE underlay complete with 80 micron HDPE moisture membrane
Thickness	2mm
Roll Width	1.1m
Roll Length	16.9 lin.m
Roll Size	18.6m^2/roll
Roll Diameter	250mm
Density	33kg/m^3
Overlap	100mm
Soundproof	Sound absorbent not reflective

Benefits

- Sound absorbing
- Cushioning
- Moisture and mold resistant, Non-absorbent and rot resistant
- Easy to install with easy peel tape to adhered to the 100mm overlap
- Enhanced floorcovering lifespan
- Excellent Rebound properties
- Increased Thermal Properties - energy saving
- Increased acoustic properties and sound absorption
- Anti-Static
- Anti-Allergenic – resistance to bacteria and dust mites

Test Method Comparisons

- STC (Sound Transmission Class) Rating:66dB – Test Result:69dB
- IIC (Impact Insulation Class) Rating:72dB – Test Result:72dB