
Kilsaran
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FLOOR
KPRO
LEVELEASE

Kilsaran KPRO LevelEase

The quality of an underlayment can make the difference between a smooth, successful flooring installation and ongoing flooring problems. It can be the difference between a positive customer experience and costly disappointment.

KPRO LevelEase underlayment products are engineered to meet or exceed the latest industry standards and performance requirements for both new-build and refurbishment projects. Designed for reliability, ease of application, and long-term performance, they provide complete peace of mind beneath a wide range of hard and soft floor coverings.

With KPRO LevelEase, customers can be confident in achieving a high-quality, durable, and dependable flooring system every time.





Why Use a Levelling Compound

Self-levelling cementitious compounds provide a fast and efficient solution for correcting uneven floor surfaces with minimal labour. After being mixed with water the compound is poured onto the prepared floor substrate. Due to its highly fluid consistency, which is thinner than that of traditional cement screeds, the material flows easily across the surface and fills low spots and irregularities. This creates a smooth, level floor that is ready for subsequent flooring installations.

- Provides a flat surface for thin coverings such as vinyl, carpet, laminates etc.
- Eliminates dips, rises, and minor imperfections which would otherwise be corrected by the improper use of floor covering adhesives.
- Prevents visible imperfections from telegraphing through thin layer floor coverings.
- Speeds up installation with large areas efficiently levelled in less time.



Our LevelEase Products

The KPRO LevelEase range has all you need to prepare your floors for their final floor covering. With multiple levelling compounds to choose from, and ancillary products such as primers and moisture suppressants, KPRO LevelEase has you covered!

LevelEase 110



Classification:	CT-C20-F5
Laying Depths:	0 – 10mm
Substrates:	Concrete, Sand & Cement screed, Calcium Sulphate screeds
Pack Size:	20kg bags
Coverage:	~ 4.2m² at 3mm

LevelEase 225



Classification:	CT-C25-F6
Laying Depths:	0 – 25mm
Substrates:	Concrete, Sand & Cement screed, Calcium Sulphate screeds, Ceramic tiles
Pack Size:	20kg bags
Coverage:	~ 4.2m² at 3mm



LevelEase DUO 225



Classification:	CT-C25-F6
Laying Depths:	0 – 25mm
Substrates:	Concrete, Sand & Cement screed, Calcium Sulphate screeds, Ceramic tiles
Pack Size:	20kg bags + Bottle
Coverage:	~ 4.3m² at 3mm

LevelEase 250



Classification:	CT-C30-F7
Laying Depths:	2 – 50mm
Substrates:	Concrete, Sand & Cement screed, Calcium Sulphate screeds, Ceramic tiles, wooden substrates
Pack Size:	20kg bags
Coverage:	~ 4.2m² at 3mm



LevelEase Primer



Description:	A high-performance, deep-penetrating primer designed to strengthen absorbent substrates and improve adhesion for subsequent layers. reduces substrate absorbency, prevents air bubbles, and enhances workability, providing a durable base
Pack Size:	5 Litre bottle
Consumption:	~ 0.1 to 0.5 l/m² (depending on substrate absorbency and evenness)

LevelEase Gritty Primer



Description:	A quartz infused, high-performance and fast setting bonding primer that comes pre-mixed and is based on a solvent-free acrylate formulation. This primer delivers a textured, gritty finish that significantly enhances the adhesion of subsequent layers.
Pack Size:	5kg bucket
Consumption:	~ 18-20m² (depending on substrate absorbency and evenness)

LevelEase DPM



Description:	A one-component, water-based residual moisture vapor suppressant, designed to suppress residual construction moisture in cementitious substrates. It is ready-to-use, with fast drying properties and a durable, protective coating suitable for internal floor applications where moisture content is up to 95%
Pack Size:	10kg bucket
Consumption:	First Layer: 0.3 l/m² Second Layer: 0.2 l/m²



LevelEase Applications & Characteristics

Choose the KPRO LevelEase product for your application

KPRO Floor LevelEase		LevelEase 110	LevelEase 225	LevelEase Duo 225	LevelEase 250
Suitable Substrates	Concrete	●	●	●	●
	S&C Screed	●	●	●	●
	Cal. Sulphate Screed	●	●	●	●
	Ceramic Tiles		●	●	●
	Wood				●
Suitable Laying Depths	0 – 10mm	●			
	0 – 25mm		●	●	
	2mm – 50mm				●
Characteristics	Classification	CT-C20-F5	CT-C25-F6	CT-C25-F6	CT-C30-F7
	Walkable	2-4 hours	2-4 hours	2-4 hours	2-4 hours
	Non-moisture sensitive coverings*	After ~ 8 hours	After ~ 12 hours	After ~ 12 hours	After ~ 6 hours
	Moisture sensitive coverings*	After ~ 24 hours	After ~ 24 hours	After ~ 24 hours	After ~ 24hours
	*based on 3mm laying depth				

● = Suitable



Substrate Preparation

Evaluating Existing Floor

Prior to installation of KPRO Floor LevelEase products the condition of the existing floor/substrate needs to be assessed. Even if the subfloor has been in place for year, there is no guarantee that it is fit for purpose and able to support levelling products. Cracks and damage should be investigated and repaired prior to the installation of any products. If laying KPRO Floor LevelEase 250 over plywood subfloors, it is essential the subfloor consists of at least two layers of exterior-grade plywood, with a combined minimum thickness of 32mm. The OSB/plywood should be securely fastened to create structurally sound, contaminant-free rigid substrate. For deep section installs a foam perimeter strip is advised.

The moisture content of the subfloor at the time of installing levelling products is of critical importance. BS 8203 requires a substrate to have a relative humidity of ≤75% or a residual moisture level of ≤4% CM (ca. 6% MC on Tramex). Lastly whether installing LevelEase products of new or existing subfloors, care should be taken to ensure no surface contaminants are present which may affect adhesion of levelling of materials.

Preparation and Priming

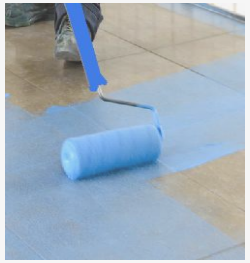
All floors will require some form of preparation before applying a KPRO LevelEase material. All substrates should be vacuumed clean to remove dirt and dust. Oil and grease residues should be removed completely. All substrate should be primed with ***KPRO Floor LevelEase Sealing Primer***. For tiled and non-absorbent substrates ***LevelEase Gritty Primer*** should be used. For substrates that have a relative humidity greater than 75% ***LevelEase DPM*** should be applied and allowed to dry fully prior installation of LevelEase levelling compounds.

When installing LevelEase levelling compounds onto heated screeds, ensure the underfloor heating system has been fully commissioned and that the heating has been turned off for a minimum of 2 days prior to installing the LevelEase levelling compounds.











Installation

Mixing of Materials

For LevelEase 110, LevelEase 225 and LevelEase 250, mix the contents of the bags with the stated amount of clean potable water. For LevelEase Duo 225, mix the contents of the bag with the component B mixing liquid. LevelEase Duo 225 should always be mixed at a ration of 1 20kg bag of material to 1 4.6kg bottle of component B mixing liquid.

Mix all materials using a suitable mixing whisk and drill, or in a suitable screed pump. LevelEase 250 may be bulked out with a clean, washed 3-5mm grit at a ratio of 4 parts LevelEase 250 to 1 part 3-5mm grit.

Mix the material until a homogeneous, lump-free consistency is achieved. Allow the fresh material to sit for one minute and then reagitate. In larger areas the use of a suitable screed pump is advised. For applications involving large areas, it is essential to plan for sufficient workforce to ensure the material is poured and spread within the appropriate working time, and ensuring a wet edge is always maintained.

Application

Installation of LevelEase products should be carried out by trained professionals and in accordance with manufacturer's instructions. Prior to application, ensure all priming and/or preparation coats are in place and dry.

Pour the freshly mixed material onto the substrate allowing it to flow and self-level within the first 15 minutes of its 20-30 minute working time. Use a steel trowel or squeegee to spread the compound evenly to the desired thickness. Use a spiked roller to release trapped air bubbles and achieve a smooth finish. During the 20-30 minute working time, a steel finishing float can be employed for precise feathering and edge refinement. Protect the freshly applied surface from drafts until it hardens.

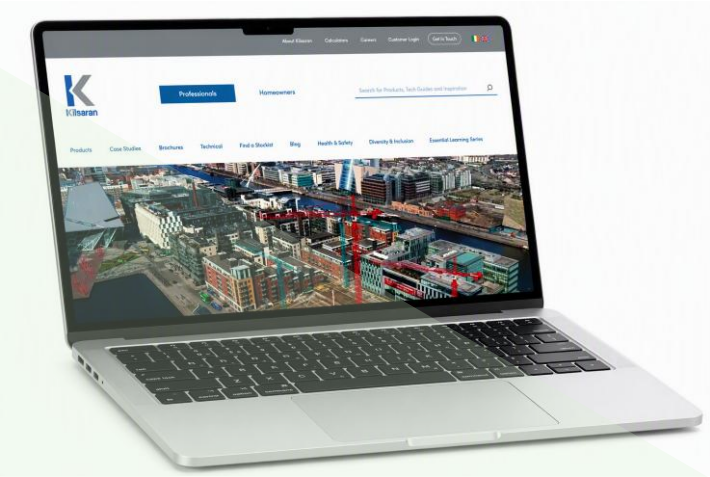
Protection of Completed Work

Once installed, LevelEase levelling compounds should be protected from accelerated drying by means of draughts, strong sunlight or heat (in heated screeds). The products can be open to foot traffic in as little as 2-4 hours. It is important to protect the new surface from heavy traffic, contamination or damage from trades if there is likely to be a long delay between installation of the levelling materials and subsequent floor finishes.



Further Information

For further information on our LevelEase range, contact us directly, visit our website or your local merchant.







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