Evagroup Australia
Stockland Distribution Ctr.
Building 2F
57 Loftus Rd
Yennora NSW 2161
www.evagroup.com.au

ABN 47 124 061 169
Phone (02) 9632 8444

Ecoset Floor Leveller TDS

Ecoset Floor Leveller is rapid drying self levelling compound with excellent flow properties formulated for self- levelling differences from 1 to 30 mm in thickness on new or existing internal concrete substrates**.**
It develops a smooth and even surface with high levels of mechanical resistance, ensuring the subsequent installation of floor coverings.

Features and Benefits:

- ✓ Excellent Flow
- ✓ Thickness 1mm – 30mm
- ✓ Rapid Drying
- ✓ Floor Coverings 12 hours after application
- ✓ Pump or Hand application

Recommended Use:
Once dry suitable for the application of vinyls, carpets, linoleum, floating floors, tile floor finishes and is perfect for direct stick Applications.
It is ready to accept most floor coverings after approximately 12 hours and allows for quick and reliable installation.
Ecoset Floor Leveller is pumpable and for internal applications and suitable for underfloor and heating systems.

Surface Preparation:
Subfloors must be dry, sound, clean and in accordance with the relevant Floor coverings Australian Standards.
Subfloors must also be free of wax, grease, oil, polishes, old adhesive, curing compounds, high levels of moisture and any other surface contaminants that may affect adhesion. If mechanical preparation is required prepare the floor using recommended preparation methods such as shot blasting, diamond grinding, to provide a roughened, clean, sound, and open porous surface.
Thoroughly vacuum loose material and dust.
The minimum subfloor temperature before commencing installation should be 10oC
Do not use solvents, or acid etching to clean the subfloor.
Concrete floors must be dry sound, smooth and clean, in accordance with relevant Floor coverings Australian Standards. For subfloors that display high moisture levels it is recommended an Ecoset Moisture Sealer be applied.
Please contact Evagroup Technical Department for further details.
Where temperatures are less than 5oC or greater than 35oC are encountered, please contact Evagroup Technical department for further details.

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Notes and Precautions:

- Drying times can be extended when applied in cold ambient temperatures.
- Do not allow to come in contact with water during or after the curing process.
- Do not apply on substrates with rising damp.
- Internal use only.
- Not Suitable for particle board floors.
- Do not apply over expansion joints as reflective cracking may occur

Safety & Handling

Do not breathe dust. Wear suitable respiratory protection.
Use in well ventilated areas. Avoid contact with skin and eyes.
Wear eye protection and suitable gloves and clothing.
Do not eat, drink or smoke while using this product.
Take off contaminated clothing and wash before reuse.
If on skin wash with plenty of soap and water.
If in eyes: rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If Inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing.
If any skin or eye irritation persists or you feel unwell get medical attention.
Safety Data Sheet is available upon request.

Priming:

Prime concrete floors with Ecoset Universal Primer

Porous Substrates:

Absorbent concrete surfaces, Mix 1 Part Ecoset Universal Primer with 2 Parts clean water.
Apply an even film using a roller or brush ensuring the entire area is primed and allow to cure.
Highly absorbent or porous surfaces may require a second coat of Ecoset Universal Primer to avoid pinholes.

Non- Porous Substrates:

Ensure substrates such as sealed or burnished concrete substrates, ceramic tiles have no coatings or Curing and Sealing compounds residing on the surface before the application of primer.
Coatings, Curing and Sealing compounds must be mechanically removed.
For hard and tight substrates, it is recommended that a light grind or sand be conducted to enhance adhesion.
Apply an even layer of Ecoset Universal Primer neat (undiluted to non porous substrates).
Allow primer to dry (approx. 2 hours @ 23°C).
Once Primer is a tack free clear film, Product can be applied over the primer.

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Mixing Ratio:
Ecoset Levelling compound should be mixed using a drill and suitable mixing paddle.
Mix one 20kg bag with 4.6 -4.8 litres of clean water. Slowly add ½ the bag of powder to the water while mixing thoroughly, then add remainder of bag to mix. It is essential to ensure the powder and water are evenly mixed for approximately 3 minutes and the water is dispersed to obtain a lump free mix. Do not over water as this will promote bleed and separation with a reduction in bond and tensile strength.

Application:
Apply in one coat from 1mm to 30mm.
Apply the mixed compound to the primed substrate using a gauge rake, stand up spreader at the required height adjustment or trowel on a slight incline to obtain the required thickness.
Larger installations can also be pumped using an appropriate mixing pump.
The mixed quantity must be used within 15 minutes at a temperature of 23°C
Due to its self-levelling properties will quickly develop a smooth finish and even surface.

Setting Times:
When applied will harden after approximately 2–3 hours at 23°C and can be walked on after this time.
The levelling coat will be ready to receive application of vinyls, carpets and tile floor coverings fixed with adhesives after 12 hours at 23°C (time may vary depending on temperature and humidity).

Clean Up:
Clean tools immediately after use with water

Shelf Life/ Storage:
12 months when stored in original unopened packaging
To be stored in a dry area off the ground.

Compression Strength:
After 1 Day: Approx 15MPa
After 7 Days: Approx 25MPa
After 28 Days: Approx 35MPa

Tensile Strength:
After 1 Day: Approx 5MPa
After 7 Days: Approx 7MPa
After 28 Days: Approx 10MPa