Indoor and Outdoor Cementitious Overlayment Self Leveling

188 SELF OVERLAYMENT

F L O O R I N G

LANKO

Advantage

- **Suitable for Indoor/outdoor application**
- **Suitable for Overlayment application**
- **Fiber Reinforcement**
- **5 to 30 mm. in one application**
- **High mechanical strength**
- **Pumpable or manual application**
- **Very good Impact resistance**
- **Suitable for making a slope ≤ 2%**
- **Paintable**

CONSUMPTION
• 1.8 kg/m2 per mm thickness.

PACKAGING
• 25 kg bag.

CONSERVATION
• 6 months from the date of manufacture, in original packaging, unopened and stored protected from moisture.

REFERENCE DOCUMENTS
• Standard EN 13813.

PROPERTIES

188 Self Overlayment is cementitious overlaymentself leveling, that reinforce with fiber.

188 Self Overlayment is suitable for floor leveling in area subject to Traffic semi-industrial, for interior and exterior application, in both new and renovation. Application thickness between 5-30 mm. in a single layer.

188 Self Overlayment is design to applied as thin screeds or screeds floor parking garage, storage area. Not suitable for heavy industrial floors, metal floor, steel substrate.

Application area (1)

- Floors: interior and exterior.
- Screed Floor
- Concrete slab
- Heating Floor (hot water)
- Former tile (2)
- Rigid plastic tile

(1) associated with the primary function indicated porosity.
(2) local P2 or P3 only.

Related Coatings

- Carpet (3)
- Flexible plastic coating (3)
- Rigid plastic tile (3)
- Wood floor glued
- Tile
- Paint and epoxy resin

(3) direct attachment, suitable if the surface is smooth, fine and regular. Otherwise, laying will be preceded by an application a sealer or patching self-leveling.

Technical Information

• Appearance	Grey powder
• Bulk density of powder	1.5± 0.1
• Particle size	0-2 mm
• Good flow up to	20 min
• Lifetime of the mixture	40 min±10 min
• Ready for light traffic in	6 h±2 h
• Time to recovery	1 to 3 days per cm thickness
• In itial adhesion to 28 days (MPa)	> 1
• Class of bending strength	F4
• Class of compressive strength	C16

(4) values determined by laboratory CSTB test procedures at 23 °C and 50% RH

Application Instructions

Substrate Preparation

• The media must comply with existing texts and CPT DTU edited by CSTB.
• Substrate must be Sound, dry, clean, not cracked, free grease, traces of plaster, wax or any other loosing material
• Scrape, then Sweep or vacuum the footsteps of plaster, laitance, paint, glue, plaster wall or smoothing P2 or P3. Soils contaminated with wax, grease or paint must be pickled.
In all cases,

Porous Substrate

Prime with Lanko 162 Flow Prime, then wait its complete drying.

Product preparation

• Mix 1 bag of 25 kg 188 Self Overlayment with 4.5 liters of clean water, 18% water until a dough smooth, homogeneous and without lumps.
• Use a mixer for mixing electric speed.
• Allow the mix 3-5 min.
• Remix just before application.

PRECAUTIONS

• Operating temperature range between +5 °C to +30 °C.
• In cold weather, use a water mixing a temperature above + 10 °C.
• Turn off heat on soil Heated 48 hours before application the coating.
• Replace gradually temperature 48 hours after laying the coating.
• Protect from traffic and sun during the early hours.
• Consult the data sheet safety before using the product.

Technical Documentation English-Version Aug 2006

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS Certification

www.lanko.com.au
www.ParexDavco.com
thaicustomerservice@ParexDavco.com

PerexDavco (Thailand) Co,. Ltd.
247 Lumpini II Building, Sarasin Road, Lumpini, Pathumwan, Bangkok 10330 Telephone:66(0)2651 9839 Facsimile:66(2)651 8003

LANKO
PAREXGROUP