

ADCO LABICEM 141

**Bitumen-modified, premixed speciality
Mastic for Screed and Void-filling
applications**

ADCO
Construction-
and Mining
Chemicals

adcon
www.adcon-namibia.com

adcon cc
established 1994

Head Office: Nr 7 Eider Street, Lafrenz, PO Box 80490, Windhoek, Namibia Tel : +(264)61-215340 Fax : +(264)61-238429 E-mail : adcon@iafrica.com.na
Walvis Bay Branch: Unit 14, 10th Street, Factory Park, PO Box 4587, Walvis Bay, Namibia Tel : +(264)64-221343 Fax : +(264)64-221344 E-mail : wvb1@adcon.com.na

technical data sheet technical data sheet technical data sheet

DESCRIPTION

ADCO Labicem 141 comprises a blend of aggregates, hydraulic cement, latex concentrate, fibres and bitumen which combine to form bonded overlays or void filling systems. The material is supplied in kit form and mixed on site prior to installation. On floors, it forms a seamless non-slip surface that finds application in various industrial surface requirements at a thickness of 12 – 15 mm; being slightly malleable, the product renders self-healing properties under traffic.

ADCO Labicem is used as a semi-rigid void filling system; as it bonds well to various surfaces including concrete and wood. Depending on the size of void to fill, the product can be tailor-made to meet the project requirement by adjusting the particle size distribution and maximum aggregate size.

SURFACE PREPARATION

Floors :

Clean the substrate surface to remove all dust and friable material exposing a level sound surface suitable for bonding an even installation of ADCO Labicem 141. Dampen the surface using clean water.

Prime the surface with ADCO Labicem 141 liquid component diluted 50/50 with water. Apply by brush or soft broom at a coverage rate of 3 – 4 m² per litre of the diluted material. Allow to dry for an hour (the colour will change from dark brown to black).

Immediately before laying the mastic, a key coat of ADCO Labicem 141 liquid is applied to the surface at a rate of 0.5 litres per m².

Without delay and wet on wet, place the mixed ADCO Labicem 141 system :

1. Pour the mixed material onto the floor and tamp into place, level by striking off excess on previously laid guide rails at 12 – 15 mm thickness - allowing for ~2mm of shrinkage that will occur.
3. Allow to set for about 45 minutes and float to a smooth finish with a wooden or plastic trowel. Occasionally wet the trowel with water if necessary to improve finishability.
4. Allow to cure for 48 hours for foot traffic and 4 days before opening to vehicle traffic.
5. To promote curing and limit cracking it is advisable to cover the mastic floor with plastic sheeting for 1 day after placing.
6. For larger areas it is advisable to lay the floor in alternating sections approximately 2 m wide on the first pass, and then filling in the gaps on a second pass.

Note that it is usual for shrinkage cracks to appear as the mastic sets, these normally close up under traffic.

The ADCO Labicem 141 flooring mastic can be compacted by rolling with a light roller (approx. 200 kg) after curing for one day. If required, a heavier roller may be used after two days.

Void filling :

ADCO Labicem has been specified for various applications of void filling; uses to form tapered sections facilitating water run-off, or as taper section below waterproofing membrane on wall / floor intersections. Curing to a mastic type seal, the product is suitable to accommodate a degree of movement or be used as a semi-permanent seal, meaning it can be removed from its plug without requiring use of impact / mechanical equipment.

SAFETY

ADCO Labicem 141 not considered toxic or dangerous; however standard industrial precautions apply such as protective clothing, gloves and eye goggles. The dry component incorporates Portland cement, being alkaline, contact may cause irritation to the skin and eyes.

Remember : Keep out of reach of children, handle responsibly and consider the environment.

PACKAGING

ADCO Labicem 141 is supplied in kit form of liquid and powder components.

UPDATE

May 2017.

This supercedes all previous documentation.