

BENEFITS:

- Excellent adhesion to concrete,
- Very low shrinkage contributing to good dimension stability,
- High mechanical strength, both tensile and compressive,
- Resistance to oils, fuel, and many chemicals.
- Abrasion resistance.



INTRODUCTION:

FLOORSCREED PL is an extremely hard wearing, high impact resistant, seamless flooring. Formulated from selected aggregates including granite, cement, fibres and special polymers, it outperforms conventional concrete flooring. It can be laid 13mm to 25 mm thickness.

USES:

- ▲ Car parking decks and driveways
- ▲ Floors in factories handling metal, wood and plastics
- ▲ Warehouses
- ▲ Garages, workshops
- ▲ Factories in food industry

PROPERTIES:

- Placing without joints in layers of 13-25mm.
- Elastic with good ratio of flexural to compressive strength
- Resistant to wear and abrasion
- Waterproof
- Crack-free
- Resistant against gasoline, diesel oil, mineral oil, freeze-thaw cycles and deicing salts.
- Shock resistant
- No dust formation

Pot Life at 30 °C: 30-60 minutes

Light traffic use: 24 hours

Compressive strength: > 40 N/mm²

Flexural Strength: >10 N/mm²

PREPARATION OF SUBSTRATE:

The substrate must be sound clean, and free of oil. Sandblasting is most effective. If, however, this not possible, vigorous wire-brushing or roughening with coarse emery paper may be resorted to. Degreasing with a solvent like acetone, benzene or toluene is then carried out.

The substrate should be grinded to create concrete profile of CSP3 or more. Repair all deteriorate or weak substrate with **PrimeMix® RM** or **FloorTop® EP**.



DATASHEET

FLOORSCREED® PL

POLYMER MODIFIED READY TO USED 2-COMPONENT FLOORING SYSTEM

APPLICATION:

Mixing of the component A (Dry Powder) and component B (Liquid) may be carried out manually with a wooden paddle or metal rod. Alternatively, an improvised mechanical mixer can be used by using a drill motor, with suitable stirrer attached in place of drill bit. A Mechanical planetary mixer has been found to be particularly effective.

Since good wetting of the surface is required to obtain high bond strength, the **BondCoat® AC** is first applied on concrete surfaces. Before the primer coat sets, mix **FloorScreed® PL**, and distribute by rake and draw off across guide rails. Immediately after leveling, the flooring is compacted and smoothed with disc smoother. After some setting of the flooring further treatment of the surface is carried out with a helicopter type smoothing machines.

STORAGE & HANDLING:

The dry powder and liquid components, when stored in their original containers and not exposed to undue heat or humidity as in outdoor open sheds, will have a minimum shelf life of 6 months. Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C. As far as possible, direct contact mixed material with the skin should be avoided as they might cause irritation on sensitive skins. It is advisable to wash off the material immediately if it does come in contact with the skin.

PACKAGING & COVERAGE:

Pack Size: 45 kg composite pack (5kg liquid and 40kg dry powder), coverage: 2.3 m²/ 45 kg for 10mm thick.

SAFETY DATA:

- IRRITATING TO EYES, RESPIRATORY SYSTEMS AND SKIN.
- RISK OF SERIOUS DAMAGE TO EYES
- KEEP OUT OF REACH OF CHILDREN.
- IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF CLEAN WATER AND SEEK MEDICAL ADVICE.
- AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF CLEAN WATER.
- WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE /FACE PROTECTION.

WARRANTY

Multichem warrants **FLOORSCREED® PL** to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **FLOORSCREED® PL**.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **FLOORSCREED® PL**.

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