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TERRAFLAKE

GENERAL

NUPLEX TERRAFLAKE is a seamless coating system comprising of epoxy bonded coloured plastic chips, encapsulated within a moisture cured polyurethane topcoat.

This specification deals with:

1. Manufacture of Materials
2. Finish Options
3. Surface Preparation
4. Application

1. **MANUFACTURE OF MATERIALS**

All materials shall be produced, supplied and specified by Nuplex Industries Ltd. To avoid incompatibility of component material it is essential that Nuplex technical staff be consulted before any product other than those specified is used. Always read the full tech data sheet prior to start.

2. **FINISH OPTIONS**

Terraflake is available in either Micro, Fine Flake or Coarse Flake finishes as well as a wide range of colours. Samples are available from either Nuplex Industries or a local Nuplex contractor.

3. **SURFACE PREPARATION**

The surface shall be stable and sound.

NEW CONCRETE

Shall have a surface which has been mechanically trowelled to a NZS3114:1987 U3 finish.

OLD CONCRETE REQUIREMENTS

Remove all contaminants including cement laitance, dirt, grease, oil, existing coatings/topping, unsound substrate etc by shot blasting, grinding, scabbling, acid etching, hammering etc as appropriate. Deep depressions, defects, hollows etc to be repaired or filled using Nuplex Superset.

WOODEN FLOORS

Refer to Nuplex Industries for specific recommendations.

OTHERS

Refer to Nuplex Industries for specific recommendations.

4. **APPLICATION**

All products shall be applied by Nuplex licensed contractors. (A current list of licensed contractors is available on the website).

1st Stage

Apply Aquaguard 101 in two coats to a dry film build of 250 microns, allow to cure.

2nd Stage

Apply Terraflake flakes (grade and colour to be specified) into the second basecoat while still wet at a spreading rate of 0.5kg/m² (1.0kg/m² for Microflakes). Lightly scrape surface once cured.

3rd Stage

Apply 3 coats of Revathane Glaze at a spreading rate of 6m²/litre/coat on subsequent days

Optional

Terraflake Aqua Glaze 4-5 coats at 8-10m²/litre/coat.

This provides a solvent-free coating option. Light to medium duty only.

NON-SKID FINISH (OPTIONAL) (See below)

Apply Nuplex Revtred to selected areas at a spreading rate to achieve desired non-skid finish.

Note: Revtred is compulsory if the non-slip requirements of AS/NZS3661:1 (wet areas) is to be achieved. **Minimum Revtred Rate:** 12 grams/m²

5. **Maintenance:** refer to Terraflake Maintenance datasheet.

This specification is to be read in conjunction with relevant technical data sheets. If any doubt or confusion exists please contact Nuplex Construction Products.