

DESCRIPTION

PU FLOOR GREEN LINE EXTREME D40 is a pigmented, seamless flow applied flooring system based on a solvent-free, two-part UV stable polyurethane resin incorporating special fillers. **PU FLOOR GREEN LINE EXTREME D40** provides a UV stable gloss surface and is intended for use on new and old concrete floors for thickness >2mm.

SURFACE PREPARATION

The surface to be treated should be free of laitance, oil, grease and loose friable particles which could affect adhesion. Vacuum assisted shot blasting or grinding of the surface is recommended.

The substrate must have a maximum of 4% moisture content and be protected any moisture ingress from underneath. Uneven substrates must be levelled out and holes repaired with **EP Regulating Coat** or **PU Screed**. Otherwise two coats of **EP Addaprime** are recommended.

MIXING


PU FLOOR GREEN LINE EXTREME D40 is supplied in units ready to use comprising 'A' (Resin) and component 'B' (Hardener). First stir thoroughly contents in container 'A' to a homogenous consistency then scrap contents of 'B' into container 'A' and mix thoroughly for several minutes using a low speed electric drill. Use protective gloves and goggles. Failure to mix thoroughly will result in poor or non-cure applied material. Keep all components at room temperature 24 hours before use.

APPLICATION

The temperature of the substrate must be 3 degrees above the dew point temperature. See Addagrip Dew Point table. **PU FLOOR GREEN LINE EXTREME D40** should not be applied at temperatures below 10°C nor above 30°C. Relative humidity should not exceed 70%. Apply the mixed **PU FLOOR GREEN LINE EXTREME D40** immediately by serrated trowel/squeegee/pin rake to the prepared surface to achieve the required thickness. Using a flat trowel, go over the area smoothing out any lines created when laying to thickness. Particular attention should be given to areas around obstructions and protrusions making sure that all the surfaces are covered.

TECHNICAL DATA

PRODUCT:	Two component UV stable self levelling polyurethane coating
DENSITY:	1.5-1.7g/cm ³
COLOUR:	Can be coloured to any RAL colour
FINISH:	Gloss
MIXING RATIO:	4 : 1 parts by weight
POT LIFE:	Approx. 25mins @ 20°C
COVERAGE:	Approx. 3.10 kg/m ² @ 2mm
CURING TIME:	Initial cure 6-16hours @ 20°C. Full cure 7 days.
PACKAGE:	12.5kg and 25kg units
STORAGE:	Store at 10-25°C in a dry place
SHELF LIFE:	3 months from date of manufacture. See product label.

	
Addagrip Terraco Ltd, Bell Lane Industrial Estate, Uckfield, East Sussex, TN221QL	
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EN 13813 SR-B2.0-IR>4 Synthetic resin screed material for use internally in buildings	
Reaction to fire:	B _{fl} -s1
Release of corrosive substances:	SR
Bond strength:	B2.0
Impact resistance:	IR>4
Wear resistance:	NPD ¹
Compressive strength:	NPD ¹
Flexural strength:	NPD ¹
Surface hardness:	NPD ¹
Resistance to rolling wheel with floor covering:	NPD ¹
Shrinkage and swelling:	NPD ¹
Consistency:	NPD ¹
pH value:	NPD ¹

1) NPD: Characteristic value not specified.

SEALING

To achieve a matt finish, it is recommended to use two coats of a matt seal coating such as **Strong Topcoat matt/coloured**, **Hardtop Strong Topcoat matt/coloured** or **Addamatt**. Prior to application of a seal coat; the **PU FLOOR GREEN LINE EXTREME D40** must be sanded and any particles vacuumed away.

CLEANING OF TOOLS AND HANDS

Tools, brushes etc. should be cleaned immediately after use in **Addagrip Solvent Mixture**. Cleaning of hands, use **Addagrip Organic Hand Cleaner**.

DISPOSAL CONSIDERATIONS

Normally the Part A resin will be mixed in its own container with Part B. When this is done correctly the resultant material in the pot is inert and the label must be defaced. The container and remnant may be disposed of as normal industrial waste.

Please consider the regional or national regulations regarding disposal.

HEALTH AND SAFETY PRECAUTIONS

Before using this product, please ensure you have been supplied and have read carefully the following:-

1. The hazard label (complying with CLP – European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of substances and mixtures) applied to the container.
2. Material Safety Data Sheet

HOW TO SPECIFY

PU FLOOR GREEN LINE EXTREME D40 is distributed by Addagrip Terraco Limited, Addagrip House, Bell Lane Industrial Estate, Uckfield, East Sussex TN22 1QL

It is to be used to..... (give details of project and number of coats required). Mixing and application of the product must be carried out in accordance with the manufacturer's instructions. Addagrip Terraco Limited products are sold subject to the company's Terms and Conditions of Sale, a copy of which is available on request. Whilst Addagrip endeavours to ensure that advice, specifications, recommendations and information given is correct, it cannot have control over how its products are applied and will not accept liability, directly or indirectly, arising from application of its materials. Any advice, recommendation or information given by Addagrip Terraco Limited is based on practical experience and is believed to be accurate at the time of publication; no liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the company, its Servants, or Agents. The figures quoted do not constitute a specification. They represent typical values obtained for this product.

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