

DESCRIPTION

PU ADDASTONE TP SUPERFLEX-UV RESIN is a cold applied clear polyurethane resin which offers a very flexible resin bound surface compared to the standard PU Addastone TP UV Resin. Designed to bind a selection of washed, clean and dry aggregates to provide a porous surface directly around the base of the tree, typically up to 150mm around the neck of the trunk. The achieved finish provides a finish that will flex/dislodge as the tree grows

AREAS OF USE

PU ADDASTONE TP SUPERFLEX-UV RESIN should be used to create a flexible porous/breathable surface around the base of the tree only.

SURFACE PREPARATION

Areas to be filled with **PU ADDASTONE TP SUPERFLEX-UV RESIN** should be clean and dry. A quantity of the washed, clean and dry aggregate to be incorporated into the **PU ADDASTONE TP SUPERFLEX-UV RESIN** should be applied to the base of the area to be treated at a minimum depth of 20mm.

MIXING

The **PU ADDASTONE TP SUPERFLEX-UV RESIN** Part 'A' & 'B' is delivered in pre-weighed units to which the PU Accelerator Part 'C' should be added (refer to PU Accelerator guidance chart). To prevent an area being installed without PU Accelerator a small quantity has already been added to the Part 'A' to ensure the mixed material will cure. However, the cure time will depend on the surface temperature. The mixed resin should then be thoroughly mixed with a slow speed, high torque drill and paddle for a minimum of 45 seconds.

Mixing of the resin and aggregates is a very important part of the process. The **PU Accelerator** should be added to the resin no more than 1 minute before mixing with the aggregate. The quantity of accelerator will depend upon the site and weather conditions, please refer to **PU Accelerator** data sheet for guidance.

Add the 0.5kg unit of the mixed **PU ADDASTONE TP SUPERFLEX-UV RESIN** into 25-30kgs of a washed, clean and dry aggregate. (Rates will vary depending on chosen aggregate, contact our help desk for further details.)

Mix in a suitable mechanical mixer. Mix for 1 minute then discharge into a wheelbarrow and move immediately to the point of application

COVERAGE RATES

A minimum spread rate of 25kgs of 6-10mm aggregate mixed with 0.5kgs of **PU ADDASTONE TP SUPERFLEX-UV RESIN** equates to approximately 0.25-0.2sqm at a depth of 50mm.

APPLICATION

The **PU ADDASTONE TP SUPERFLEX-UV RESIN** should then be spread evenly across the surface at the required depth using a suitable steel float to create a smooth level finish as required.

To improve the slip resistance on the surface fine quartz sand or glass grit must be applied as required.

DO NOT USE DAMP AGGREGATES

DO NOT APPLY IN WET CONDITIONS.

TECHNICAL DATA

Product:	Clear Polyurethane
Density:	1.04g/cm ³
Colour:	Clear/pale yellow
Tensile Strength:	1.1N/mm ²
Elongation:	45%
Shore A Hardness:	60
Coverage:	0.5kg per 25-30kg of aggregate
Application Temp:	+5°C to 30°C
Curing Time:	4-5 hours @ 20°C

HEALTH & 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.

HOW TO SPECIFY

PU ADDASTONE TP SUPERFLEX-UV RESIN is supplied by Addagrip Surface Treatments UK 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.

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