



# Trueprint<sup>®</sup>

## Anti-skid Imprinted Resin Surfacing

### USES

**TRUEPRINT** is a versatile, self-smoothing surfacing system, which can be embossed to create a variety of paving types. Trueprint is decorative, coloured in depth, and can be formed into a range of designs and surface textures. It is ideal for areas such as pedestrian precincts, urban developments, traffic calming and highways applications. Unlike conventional paving Trueprint is joint free minimising the risk of slips and trips and reducing maintenance costs.

### DESCRIPTION

**TRUEPRINT** is a two pack epoxy resin based surfacing system which, in combination with specially selected quartz aggregate infill and broadcast, can be imprinted with a Die in a range of paving patterns.

### ADVANTAGES

<b>Seamless</b>	a 4-7mm joint free patterned surfacing system
<b>Epoxy resin based</b>	excellent adhesion onto a range of paving substrates
<b>Fast cure</b>	ready to receive vehicular traffic within hours
<b>Decorative</b>	a range of colours and textures available
<b>Antiskid</b>	textured surface provides a skid resistant profile

### PHYSICAL PROPERTIES

<b>Tensile Strength</b>	16 N/mm <sup>2</sup>
<b>Elongation</b>	11%
<b>Specific Gravity (resin binder)</b>	1.16
<b>Specific Gravity (resin &amp; quartz blend)</b>	1.6
<b>Pot life</b>	20 minutes
<b>Imprint time</b>	within 2hrs
<b>Cure time</b>	2-5hrs
<b>Open to traffic</b>	4-6hrs

(Below 20° C these times will be increased)

### CHEMICAL RESISTANCE

**TRUEPRINT** is resistant to a wide range of chemicals. Specific data is available on request.



### COLOURS

**TRUEPRINT** is available in a range of colours refer to Truegrip TCD in the colour chart section of the Surfacing Solutions brochure.

### TEMPERATURE

**TRUEPRINT** should not be applied at temperatures below 5°C. Minimum substrate temperatures should be 5°C and rising.

### INSTRUCTIONS FOR USE

#### SURFACE PREPARATION

Ensure that all surfaces are clean, dry, sound and are free from dust, dirt and contamination. Friable surfaces should be primed with WD Bonder.

#### MIXING AND APPLICATION

**Trueprint** is supplied ready for onsite use. The entire contents of the hardener container must be added to the base container and mixed thoroughly for 3 minutes with a slow speed mixing drill with a heavy duty mixing paddle. The quartz aggregate is added at a rate of 25 kg per 25 kg (1 : 1 ratio) of resin to produce a spreadable, flowable surfacing consistency. The mixed Trueprint is spread at a required thickness 4mm – 7mm using a serrated rubber squeegee or pin rake. Application must be completed within 15 – 20 minutes of mixing depending on the ambient temperature. As soon as the Trueprint has 'self-smoothed' additional quartz aggregate is broadcast on top to an excess (at a rate of approx. 5 kg – 10 kg / m<sup>2</sup>), depending on the thickness of the system. Taking care not to disturb the laid Trueprint, the Die Imprinter is used to emboss the Trueprint surface. The working zone must be lined up accurately so that the patterns of the imprint are set in the right plane, parallel to kerb datums or pathways. The cure time will depend on the temperature, and within hours the excess quartz aggregate can be removed to expose the **Trueprint** pattern and finish.

## COVERAGE AND PACK SIZES

Pack Size	Approx. Coverage Per pack
25 kg resin pack	4m <sup>2</sup> @ 4mm (when mixed with 25kg of quartz aggregate)

Additional aggregate to blind the surface is required prior to imprinting at an approx. coverage of 5 – 10 kg / m<sup>2</sup> (depending on required thickness)

N.B. Coverage is dependent on surface texture and porosity.

## PRECAUTIONS

**TRUEPRINT** is a non flammable product. Trueprint should not be allowed to come into contact with skin and eyes or be swallowed. Epoxy resins and hardeners may act as skin sensitisers to some people. Gloves, goggles and barrier creams should therefore be used. Skin contamination with any of the product components should be removed immediately with soap and water. In the event that mixed resin comes in contact with the skin it must be removed before it hardens with a good quality resin removing cream followed by washing with soap and water. Do not use solvent. If accidental eye contamination occurs irrigate with copious quantities of clean water and seek medical advice. If ingestion of any of the materials takes place, seek medical attention immediately. Do not induce vomiting.

## DISPOSAL

All tools and equipment should be cleaned with water immediately after use. Spillage should be absorbed with sand or sawdust and disposed of in accordance with statutory regulations.

## STORAGE

Shelf life at least 12 months if stored in original containers between 10° C and 25° C.

## CONTRACTING SERVICE

Conren Limited offers a contracting service for the application of all Conren products. This facility is back by a comprehensive technical and after sales service. We are able to contend with most problems in the field.

## TECHNICAL SERVICE & QUALITY ASSURANCE

All information provided in this leaflet is based on results obtained from our own experience and test and is give in good faith. The user will be deemed to have satisfied himself independently of the suitability of Conren's products for his own particular purpose. We guarantee to replace, free of charge, any goods supplied by us which are proved to our satisfaction defective, but, as the application of these materials is necessarily beyond our control, we will not accept responsibility for any damage or loss arising wholly or in part from these materials. Except as herein provided, any express or implied condition, warranty, statement or representation, statutory or otherwise as to the quality of the goods is expressly excluded.

## SPECIFICATION

Anti-skid imprinted epoxy resin surfacing shall be Trueprint.

All products to be applied in accordance with Conren's written instructions.

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