



# QUICSEAL 374

Product Name

Wear Resistance Polyurethane Coating

## Description

QUICSEAL 374 is a 2 component, pigmented, wear resistant, weather-stable, cold applied and aliphatic polyurethane coating used as a top-coat for protection over exposed waterproofing coatings, subject to high wear conditions.

When waterproofing is required, QUICSEAL 374 can be used over the QUICSEAL 161 or QUICSEAL 162, on surfaces with high public pedestrian trafficking (e.g. Stadiums) and on surfaces with light car traffic (e.g. Exposed car parking areas, etc.)

## Uses

- Top coat for Public pedestrian trafficking areas (Stadiums)
- Top coat for Exposed Car Parking Decks
- Top coat for surfaces exposed to heavy wear conditions.

## Advantages

- Simple application (roller or airless spray).
- Resistant to constant, heavy abrasion and wear conditions.
- Colour stable.
- Gives a sheen and anti-slip surface.
- Does not show the chalking effect of aromatic polyurethane waterproofing coatings.
- Maintains its mechanical properties over a temperature span of -30°C to +90°C.

## Consumption

250 - 300 ml/m<sup>2</sup> in two layers. This coverage is based on practical application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption.

## Colors

QUICSEAL 374 is supplied in the following colours:

-RAL 7001 silver grey, RAL 7035 light grey, RAL 7040 concrete grey, RAL 6010 green, RAL 9016 off white, RAL 9001 cream

Other RAL colors supplied on request with minimum order quantity.

## Technical data

| PROPERTY  | RESULTS   | TEST METHOD              |
|---|---|--------------------------|
| Composition   | Pigmented Aliphatic Polyurethane pre-polymer. Solvent based |                          |
| Bond Strength to Concrete                           | > 2.0MPa<br>Cohesive Failure within Concrete                | ASTM D 4541 (adopted)    |
| UV stability  | excellent   | ASTM G154                |
| Abrasion Resistance<br>CS17,1000 cycles, 1kg weight | < 85 mg   | ASTM D4060: 2010         |
| Application Temperature                             | 5°C to 35°C   | Conditions: 20°C, 50% RH |
| Tack Free Time                                      | 4 - 6 hours @ 20°C  |                          |
| Light Pedestrian Traffic Time                       | 12 hours  |                          |
| Final Curing Time                                   | 7 days  |                          |

## Application

Careful surface preparation by mechanical means – shot-blasting is essential for optimum finish and durability. The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the membrane. Maximum moisture content of the surface should not exceed 5%. The minimum Tensile Strength of the substrate shall be at least 1.5MPa.

## Priming

One coat of QUICSEAL 135 Epoxy Primer is required prior to application of QUICSEAL 374

## Top -Coat

Stir well before using. Apply the QUICSEAL 374 over the QUICSEAL 161 or concrete by roller or airless spray in two layers.

Allow 4-6 hours (not more than 8 hours) to cure between two layers.

For best results, the temperature during application and cure should be between 5°C and 35°C. Low temperatures retard cure while high temperature speed up curing. High humidity may affect the final finish.

## Packaging

10L / set - Part A 9ltr tin  
Part B 1ltr can

## Shelf Life

QUICSEAL 374 should be stored in dry and cool rooms for minimum of 12 months in the original containers at a temperature of 5°C - 30°C. Protect the material against moisture and direct sunlight.

## Precautions

QUICSEAL 374 contains isocyanates. See information supplied by manufacturer. Please study to the Material Safety Data Sheet.

## Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL

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