

CONIROOF[®] 2161

Highly elastic, seamless, resin based balcony waterproofing system

Product Description

CONIROOF[®] 2161 is a highly elastic, hand applied, resin based balcony waterproofing system. No hot works required.

CONIROOF[®] 2161 is a seamless waterproofing system without joints or welds even around columns and over large open areas.

Fields of Application

CONIROOF[®] 2161 is extensively used for balcony and walkway waterproofing applications.

CONIROOF[®] 2161 exhibits excellent wear and mechanical properties. It can be applied to the majority of horizontal or steeply sloping substrates.

Wear coats allow application to ramps as well as to horizontal surfaces.

Features and Benefits

- Monolithic – no welds or seams
- Application to vertical surfaces without runs
- No welding, no torches, no hot works
- High water vapour permeability – low risk of blistering
- Excellent mechanical properties and wear resistance
- Excellent crack bridging properties
- Root resistant
- Resistant to standing water
- Thermoset membrane – does not soften at high temperatures and remains elastic at low temperatures; Tg approx. – 45^oC

Colours

CONIROOF[®] 2161 is available in a large range of colours. Consult BASF Construction Chemicals (UK) Ltd. for more information.

Cleaning and maintenance

CONIROOF[®] 2161 requires very little cleaning and maintenance. Periodic inspections suitable to the environment should be conducted to ensure drains are clear, topcoat is undamaged etc. Consult BASF Construction Chemicals (UK) Ltd. for more information.

Method Statement

Environment

The applicator requires sole access to the installation area throughout the application. The area should be clean and dust free, and where necessary closed to the environment.

It is prudent to ensure that the installation is undertaken as the final operation during refurbishment works to preclude damage by other trades and ensure a monolithic application.

Refer to product datasheets and project specifications.

Substrate

CONIROOF[®] 2161 must be applied to a clean, dry substrate free from dust, dirt, oil, grease and other contamination. A clean surface will ensure adhesion between substrate and overlay.

Priming

Use the following guide to select the appropriate primer.

Substrate	Primer
Bitumen felt	PRIMER 698
Concrete	PRIMER 601 or PRIMER 660
Asphalt	BODYCOAT 375
Plywood	PRIMER 660 or PRIMER 691
UPVC	PRIMER 691
Single Ply PVC	PRIMER 691
GRP	PRIMER 691 or PRIMER 679
Mild Steel	PRIMER 681
Non-ferrous metals e.g. aluminium/ zinc	PRIMER 684
Aged CONIROOF [®] Waterproofing membranes And intercoat re-activation	PRIMER 691 or PRIMER 679

In some circumstances other primers may be more appropriate. Consult BASF Construction Chemicals (UK) Ltd. for more information.

Refer to product datasheets.

Membrane

MEMBRANE 865Z solvent free, hand applied, self-levelling, elastomeric coating applied to horizontal surfaces.

MEMBRANE 865Z THIX solvent free, hand applied, highly thixotropic, elastomeric coating applied to steeply sloping and vertical surfaces.



The Chemical Company

Membrane installation, minimum 1.5 mm. Refer to product datasheets.

Wear Coat

Apply WEARCOAT 880, fast curing, solvent free, hand applied, two component, polyurethane based wear coat.

WEARCOAT 880 is always broadcast with aggregate, e.g. FILLER F5 or 0.7 – 1.2 mm oven dried silica sand.

Top Coat

Apply suitable UV and weather resistant encapsulation topcoat, e.g. TOPCOAT 480 or TOPCOAT 458.

All membrane surfaces, including protrusion and upstands, must be protected from UV and environmental conditions.

Warnings and precautions

In its cured state, CONIROOF® 2161 is physiologically non-hazardous.

During installation operatives should consult the CoSHH risk assessment and their work instructions.

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Health and Safety

*The Material Safety Data Sheet provides full information on Health and Safety matters regarding this product and must be consulted.

The following general comments apply to all resinous products.

The appropriate PPE must be used
As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs.
Avoid inhalation of dusts from powder components
Treat splashes to eyes and skin immediately.
If accidentally ingested, seek medical attention.
Keep away from children and animals.

Powder Products

Should be handled to minimise dust formation; use light non toxic particle mask.
Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage

Chemical products can cause damage; clean spillage immediately and dispose of in accordance with local regulations.