

CONIROOF[®] 2102

Highly elastic, fire retardant, seamless, resin based waterproofing system

Product Description

CONIROOF[®] 2102 is a highly elastic, fire retardant resin based waterproofing system and can be used on any exposed roofing applications.

CONIROOF[®] 2102 utilizes special two component spray equipment for fast installation times. No hot works required.

CONIROOF[®] 2102 is a seamless waterproofing system without joints or welds even around columns and over large open areas.

CONIROOF[®] 2102 meets BS 476 Part 3: 1958 designation EXT.F.AA and EXT.S.AA. It also forms the basis of the BBA Roof Coating (No. 99/3660) approval. For a full list of approvals please contact BASF Construction Chemicals (UK) Ltd.

Fields of Application

CONIROOF[®] 2102 is fire retardant and therefore can be used in both exposed and buried waterproofing applications, including:

- Flat/ pitched roof
- Warm/ insulated roof
- Inverted roof
- Overlay – old asphalt, bituminous surfaces
- Balconies
- Podium Decks

CONIROOF[®] 2102 exhibits excellent mechanical properties and can be applied to the majority of substrates irrespective of falls. Spray delivered and ultra fast cure enables easy application to form a monolithic waterproofing membrane on simple and complex surfaces.

Features and Benefits

- Fire retardant
- Application to vertical surfaces without runs
- Easy application to complicated details
- Can be applied to a wide range of substrates
- Fast installation
- Monolithic – no welds or seams
- No welding, no torches, no hot works
- High water vapour permeability – low risk of blistering
- Excellent mechanical properties
- Excellent crack bridging properties
- Root resistant
- Resistant to standing water
- Thermoset membranes – does not soften at high temperatures and remains elastic at low temperatures; Tg approx. – 45⁰C

Colours

CONIROOF[®] 2102 is available in a large range of colours. Consult BASF Construction Chemicals (UK) Ltd. for more information.

Cleaning and maintenance

CONIROOF[®] 2102 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[®] 2102 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 Followed by PRIMER 679 or PRIMER 691
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



The Chemical Company

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

Refer to product datasheets.

Membrane

MEMBRANE 802FL applied using special two component spray equipment for faster installation.

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

Top Coat

Apply TOPCOAT 458, single component, moisture curing, fire retardant, UV and weather resistant topcoat. Alternatively apply appropriate ballast/ CONICA insulation as specified, e.g. inverted, podium deck etc.

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

Optional walkway or balcony coats may be applied to produce a variety of wear resistant surfaces. Consult BASF Construction Chemicals (UK) Ltd. for more information.

Warnings and precautions

In its cured state, CONIROOF® 2102 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.