

OVERVIEW

Weathercoat 431 is a two component, liquid applied, elastic acrylic cementitious waterproofing coating system. It has excellent flexibility and is ideal as a water impermeable coating under tiles and screeds.

Weathercoat 431 has longlife flexibility and is ideally suited for areas of extreme climatic conditions. It is applied by brush, roller or spray and after curing can be walked on uncovered.

PRODUCT GRADES/CODES

White	68531
Grey	68631

PROPERTIES

Weathercoat 431 is supplied as a two component product with the following properties:

- Easy to mix and apply
- Application by brush, roller or spray
- Long pot life
- Crack bridging formulation
- Excellent adhesion
- Seamless permanent coating
- Vapour permeable
- High UV and weather resistance
- Excellent a water impermeable coating under tiles
- Highly elastomeric
- Excellent freeze-thaw resistance
- No added water required

AREA OF USE

Weathercoat 431 is suitable for waterproofing concrete and masonry substrates in the following areas:

- Flat roofs
- Bridge structures
- Under-file waterproofing
- Anti-carbonation
- Dry wall wet area
- Wet rooms
- Saunas and thermal pools

PREPARATION OF SURFACE

Ensure that all dust, dirt and foreign matter are scraped and brushed away. Also ensure the surfaces are free from salts, oil, grease and ridges, and protect all adjacent surfaces not to be covered.

If repair area is dry at time of repair, moisten substrate before application of Weathercoat 431.

APPLICATION & CLEANING OF TOOLS

Mix the components in the ratios as shown in the Technical Data and apply in 2 to 3 coats to achieve an overall thickness of 1.5-2.0mm with an overall material consumption of 2.7-3.6kg/m².

Add powder to resin and use a drill mixer to achieve a lump-free homogenous mix. Apply using brush, roller or spray, leaving 3 hours between coats. Mixed Weathercoat 431 should be used within 1 hour.

Tools and equipment should be cleaned with water immediately after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Weathercoat 431 is supplied in 5kg and 20kg combi-pack pails.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 9 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

TECHNICAL DATA

Product	High performance cementitious acrylic elastomeric coating.
Binders	Hydraulic (Weathercoat 431 Powder) and organic (Weathercoat 431 Resin).
Fillers	Crushed, precisely graded filler (Weathercoat 431 Powder).
Colour	Grey and natural white (mixed Weathercoat 431).
Application Conditions	5°C to 30°C
Mixing Ratio	14kg Powder : 6kg Resin
Specific Gravity	1.75-1.85(mixed Weathercoat 431).
Pot Life	2 to 4 hours
Adhesive Strength	>1.0N/mm ²
Material Consumption	2.7-3.6 kg/m ²
Drying Time	3 hours per coat in normal conditions.
Packaging	20kg plastic pails (14kg powder/6kg resin) 5kg plastic pails (3.5kg powder/1.5kg resin)
Storage	9 months in original unopened containers.

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