

OVERVIEW

Weathercoat is an economical, permanent waterproofing system for roofs and facades. The system will adhere to new and old surfaces of concrete, bitumen, and tiles. Weathercoat has long-life flexibility and is ideally suited for use in areas with extreme climatic conditions. It is applied by brush or spray and after drying can be walked upon uncovered. After application the Weathercoat system has high resistance to chemical attack, atmospheric pollution, UV light and fire.

PRODUCT GRADES/CODES

Resin	66210
Powder Grey	76110
Powder White	76115

PROPERTIES

Weathercoat is supplied as a two component, powder (cement based) and resin (acrylic based) system, to be mixed on site. Different mixing ratios will produce compounds of different degrees of flexibility, suitable for different purposes.

Weathercoat Resin

Is based on concentrated acrylic resins, highly resistant to UV light and alkalinity. The system is permanently flexible and miscible with cement and cement based materials in all proportions.

Although developed as a high class waterproofing system, it is very suitable as an additive to mortars and screeds to increase their tensile, compressive and flexural strengths and reduces their water cement ratio.

Weathercoat Powder

Is based on special cements and precisely graded fillers, wetting and adhesion promoters. Properties of the final mix will vary according to the ratio of powder to resin.

ADVANTAGES

- Permanent waterproofing
- Abrasion resistant
- Non-toxic ideal for water tanks
- Weather resistant
- High adhesion power
- Highly flexible
- Vapour permeable
- Cement mortars adhere to it
- Bridges cracks in substrates

AREA OF USE

For waterproofing most building surfaces e.g. roofs, facades, foundations, retaining walls, swimming pools, planters, wet room floors, water tanks, etc.

PREPARATION OF SURFACE

Ensure all dirt and foreign matter are cleaned off the areas to be coated. Remove any ridges or form oil. Dusty or flaking surfaces must be cleaned thoroughly, then primed with Penetrating Primer.

APPLICATION & CLEANING OF TOOLS

Mix the components in the ratios shown in the table below. Add powder to resin and use a high speed mixer or power agitator until the mix is homogenous. If spraying add enough water to bring to the correct consistency. Apply using brush, roller or spray, leave 3 hours between coats for drying. Mixed Weathercoat must be used within 1 hour of mixing.

Mix proportions

Uses	Waterproof flexible coating	Waterproof flexible slurry	Waterproof flexible screed
Weathercoat Resin	1	1	1
Weathercoat Powder	2	3	4
Water	-	0.2	0.5

Tools may be cleaned with water, ensure this is done within one hour of mixing of materials.

HEALTH & SAFETY

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

PACKAGING & STORAGE

Weathercoat Resin is supplied in 5kg and 20kg pails. Weathercoat Powder is supplied in 25kg paper bags.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use oldest material first.

TECHNICAL DATA

Product	Two component cement acrylic elastomeric waterproofing system.
Binders	Hydraulic (Weathercoat Powder) and organic (Weathercoat Resin).
Fillers	Crushed, precisely graded filler (Weathercoat Powder).
Colour	Grey and natural white (mixed Weathercoat).
Dilution	With water if required.
Consumption	1.5kg/m ² for 1mm thick layer (mixed Weathercoat).
Drying Time	3 hours in normal conditions (mixed Weathercoat).
Specific Gravity	1.8 (mixed Weathercoat, 1 resin : 2 powder).
Packaging	Weathercoat Resin : 5 and 20kg pails. Weathercoat Powder : 25kg paper sacks.
Storage	12 months in original unopened containers.

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.

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