

OVERVIEW

Weathercoat GP is a high quality, versatile, permanent waterproofing system for roofs, facades, wet rooms and water retaining structures. The system will adhere to new and old surfaces of precast & in-situ concrete. Weathercoat GP 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 GP system has high resistance to atmospheric pollution and UV light.

PRODUCT GRADES/CODES

Resin	66210
Powder Grey	76110
Powder White	76115

PROPERTIES

Weathercoat GP 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.

- 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 is 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 Clear or Terrabond A (diluted 1:3 with water).

APPLICATION CONDITIONS & PROCEDURE

Application Condition:

For application of Weathercoat GP, optimum application temperature is between 10 – 30° C. Do not apply below 5° C or if lower temperatures are expected within the following 24 hours after application. Do not apply on frozen surfaces. Do not apply if the rain is expected within 24 hours of application.

Application Procedure:

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. Apply using brush, roller or spray. Leave minimum 12 hours between coats for drying at 20°C. Mixed Weathercoat GP must be used within 1 hour of mixing (do not re-temper with additional water).

Mix Proportions

Uses	Waterproof Flexible Coating	Waterproof Flexible Slurry	Waterproof Flexible Screed
Weathercoat GP Resin	1	1	1
Weathercoat GP Powder	2	3	4
Water	-	0-0.1	0.1-0.2

CURING & CLEANING OF TOOLS

Curing:

Curing time required for Weathercoat GP will depend on temperature and relative humidity conditions on site. Conditions in the range of 20°C and 50% R.H will require a minimum of 14 days to ensure that the product has cured enough to be in permanent contact with water. Applications made at lower temperatures or sites without ventilation will require longer curing periods. Wash the properly applied & cured surface of Weathercoat GP with water before putting in to service (in permanent contact with water).

Cleaning of tools:

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 GP Resin is supplied in 5kg and 20kg pails. Weathercoat GP Powder is supplied in 15kg and 25kg paper bags.

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

TECHNICAL DATA

Product	Two components cement acrylic elastomeric waterproofing system.
Binders	Hydraulic (Weathercoat GP Powder) and organic (Weathercoat GP Resin).
Fillers	Crushed, precisely graded filler (Weathercoat GP Powder).
Colour	Grey and natural white (mixed Weathercoat GP).
Dilution	With water if required.
Consumption	1.5-2.0kg/m ² for 1mm thick layer (mixed Weathercoat GP).
Drying Time	6 hours @ 20°C & 50%RH (mixed Weathercoat GP). Recoating time 12 hours.
Specific Gravity	1.70 ± 0.05 (mixed Weathercoat GP, 1 resin: 3 powder).
Packaging	Weathercoat GP Resin : 5kg and 20kg jerricans. Weathercoat GP Powder: 15kg and 25kg paper bags. Weathercoat GP Kit : 20kg pail (5kg resin (jerrican) + 15kg powder (bag)).
Storage	12 months in original unopened packs.

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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