

PRODUCT DESCRIPTION

Andcoat DPM is a two pack, solvent free epoxy- based surface damp-proof membrane for use with Andcoat products of surface coatings and toppings. It suppresses residual construction moisture and rising dampness in concrete and sand/cement screeds and can be used in situations where the relative humidity level is above 75%. It is applied by brush or roller in a one, two or three coat system.

SURFACE PREPARATION

To be assured of maximum adhesion and properties from Andcoat products the correct surface preparation is essential. The concrete substrate must be a minimum of 28 days old.

The substrate should be sound with a minimum compressive strength of 25 N/mm² and a minimum pull-off strength of 1.5 N/mm². The surface must be clean, dry and free of contaminants such as dirt, oil, grease, coatings and surface treatments. If in doubt, apply a test area first. Concrete substrates should be mechanically prepared using vacuum enclosed abrasive blast cleaning or diamond grinding equipment to remove laitance and previous surface treatments leaving an open textured surface.

Weak concrete must be removed and repaired using recommended Andcoat products.

MIXING

Pour the contents of the part B container into the part A container and thoroughly mix using a slow speed mixing drill for a minimum of five minutes until the material forms a uniform consistency.

Never mix by hand.

TYPICAL USAGE

As a primer for concrete and sand and cement screeds with a residual moisture level greater than 75%RH, prior to application of Epoxy Resin and resilient floor systems

ADVANTAGES

- Solvent Free
- Moisture Suppressant
- Applies to variety of surfaces
- Excellent Adhesion
- Moisture tolerant
- Good Chemical resistance

TECHNICAL DATA

(AFTER 28 DAYS AT 20°C)

Chemical Resistance: Good
Bond Strength >1.50N/mm² (Concrete failure)
VOC: < 190g/l Based on a fully mixed unit

CURING SCHEDULE

(@ 20°C)

Pot Life : 30 Mins
Over-coating: 12 Hours or until surface has lost tackiness.

NOTE: At lower temperatures the above cure times will be increased,

COVERAGE

Approximately 4m² per Kg per coat .
Coverage is dependant on surface profile, texture, porosity and substrate temperature.

STORAGE

Store in dry conditions at temperatures between 10°C and 25°C.

Do not expose to freezing conditions.

Andcoat DPM has a maximum of twelve months shelf life when stored in the original, unopened containers.

ANDCOAT DPM CONTINUED



APPLICATION

Apply the mixed material with a short to medium pile lambs wool roller making sure that the surface is thoroughly wetted out, ensure that the applied material is pinhole free. The second coat of Andcoat DPM must be applied at right angles to the first coat, a minimum of 18 hours and no later than 24 hours after the first coat has cured (see Curing Time) and a minimum of 6 hours and no later than 24 hours after the first coat has cured for Andcoat DPM FC. The first coat must not be contaminated prior to applying the second coat. The ambient temperature of the works area should be a minimum of 15°C during the application and curing period, if not adhered to this can affect the performance of the system. Materials and substrate temperature must be above 10°C.

HEALTH & SAFETY

Avoid contact of the material with skin and eyes. Wear appropriate gloves, overalls and eye protection during use. Please refer to material safety sheet for additional information. For specific advice regarding any aspect of this product, please consult our technical section.

EQUIPMENT CLEANING

Clean all equipment immediately after with recommended Andcoat products.

GENERAL GUIDANCE

This Data Sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Specific installation advice can be provided upon request. Please consult our Sales Department to confirm that this Data Sheet is the current issue.

LIMITATIONS

Product should be protected from other trades using Kraft paper or similar breathable material. Polythene should not be used.

Protect the installed floor from damp, condensation and water for at least twenty-four hours at 20°C.

Ensure that the ambient temperature remains above 10°C for at least twenty-four hours after installation.

The substrate and uncured floor must be kept at at least 3°C above the dew point to reduce the risk of condensation or blooming on the surface.

Never leave the mixed AndcoatDPM unit to stand for any length of time prior to application as this will considerably shorten its working time.

Contact info:

INFO@ANDREWSCOATINGS.CO.UK
01902 710057

If you need any further information please feel free to contact a member of our technical team where we will be happy to assist.