

# TECHNICAL DATA SHEET

## GRAHAM & BROWN RESISTANCE - VARIOUS COLOURS

### PRODUCT DETAILS:

**BRAND:** Graham & Brown

**PRODUCT:** Resistance

**DESCRIPTION** A superior quality water based, flat matt finish emulsion, suitable for interior walls and ceilings. Ideally suited to high traffic areas, kitchens and where enhanced durability is required.

**CERTIFICATES:** French Indoor Air Class A+



**COLOUR:** Available in the full palette of Graham & Brown paint colours.

**PREPARATION:** Surfaces to be painted must be clean, dry and free from grease, dust and dirt. On new plaster or exceptionally porous surfaces a sealer coat of matt emulsion or quality water based primer, thinned with around 10% water should first be applied and allowed to dry thoroughly. Highly alkaline surfaces (such as old lime plaster) should be sealed prior to painting by using a proprietary alkali resisting primer. Old oil based surfaces should first be sanded to provide a key and then primed using a quality water based primer. (N.B. Avoid the inhalation of dust. Wear a suitable dust mask if dry sanding and take special precautions when sanding pre-1960's oil based paint surfaces as they may contain harmful lead).

**APPLICATION:** Stir thoroughly before use. Suitable for brush or roller application to internal surfaces such as plaster and stone. For roller application can be diluted with up to 10% water. If more than one can of the same colour is used, ensure the batch numbers are the same or intermix well before use. Two full coats of matt emulsion should be applied to achieve the required colour standard. Additional coats may be required on new surfaces or where a large colour change is desired. Do not apply in very damp or humid conditions. Recommended application temperature is 8°C to 30°C.

**COVERAGE:** Covers up to 10m<sup>2</sup> / litre per coat. The stated coverage is theoretical. The actual coverage depends on the nature and the structure of the surface and the application method.

**DRYING:** At 23°C and 65% relative humidity. Touch dry in 2 hours. Can be painted over after approximately 6 hours. Full hardness in 7 days.

**AFTERCARE:** Gently wipe soiled areas with a sponge and warm soapy water. Avoid excess local rubbing as this may leave a visible mark when dry. The use of harsh detergents to remove stains is not recommended.

### APPLICATION ADVICE:

#### GENERAL:

- The surface must be capable of supporting the paint completely set, clean, dry and free of dust or grease. Repair cracks and surface irregularities. Remove and/or repair all loose and unstable coats.

#### EXPOSED / UNTREATED SURFACES:

- Prime highly absorbent surfaces in their entirety with a quality primer/undercoat.
- Thoroughly clean powdery surfaces.
- Prime using a quality primer/undercoat after allowing to dry.
- After drying, apply 2-3 coats of Graham & Brown Resistance Emulsion.

#### PAINTED WALL SURFACES IN GOOD CONDITION:

- Clean thoroughly.
- After drying, apply 2-3 coats of Graham & Brown Resistance Emulsion.

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### EXISTING OLD COATS:

- Remove loose parts.
- Thoroughly wash powdery coats and allow them to dry.
- Carry out repairs.
- Prime with a quality primer/undercoat.
- After drying, apply 2-3 coats of Graham & Brown Resistance Emulsion.

### CONTAMINATION CAUSED BY NICOTINE, DAMP, RUST OR SOOT:

- Clean Thoroughly.
- Treat surfaces / stains with an isolating wall primer.
- After drying, apply 2-3 coats of Graham & Brown Resistance Emulsion.

### WOOD:

- Clean thoroughly.
- Treat bleeding wood with an isolating primer.
- Apply 2-3 coats of Graham & Brown Resistance Emulsion directly onto the wood.

### DISCLAIMER:

The systems described above apply for the most common types of surface. For specific applications and/or detailed advice, please contact Graham & Brown Customer Service.

## TECHNICAL DATA:

**BINDING AGENT:** Vinyl and Acrylic resin

**PIGMENTS:** Rutile titanium dioxide, mineral fillers, organic and inorganic pigments

**SOLVENT:** Water

**SOLID COMPONENTS:** Approx 62% by weight

**SPECIFIC GRAVITY:** approx 1.50g/cm<sup>3</sup>

**RECOMMENDED COATS:** 2 to 3

**DEGREE OF GLOSS:** <2%

**DILUTE WITH:** Water

**HAZARD CLASSIFICATION:** See Safety Data Sheet

**TOOL CLEANING INSTRUCTIONS:** Use water and soap

### STORAGE:

This product is water based and so must be protected from frost and extreme temperatures. To avoid the risk of spillage, always store and transport in a secure and upright position. Use within 6 months of purchase. The manufacturer cannot accept any responsibility for any deterioration of the product or packaging after this time.

### GENERAL:

The values stated in this technical data sheet have been determined based on DIN EN 13300. Do not apply at temperatures below 8°C. Only apply if the surface temperature is above 8°C and above the dew point temperature. Always use the required personal protective equipment when applying this product and ensure there is good ventilation when applying. Always read the product label. Safety data sheet is available on request.

### SURPLUS PRODUCT:

Dispose of contents / container to waste disposal site in accordance with local / national regulation. Do not empty into drains or watercourses.

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