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## TECHNICAL DATA SHEET

## DURABLE MATT EMULSION

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### DESCRIPTION

Durable Matt Emulsion paint, based on synthetic resin dispersion. Solvent free, low odour and breathable. Suitable for walls and ceilings in public spaces and also in homes and offices.

- Solvent-free and virtually odourless
- Excellent hiding power
- Breathable
- Wipeable but only for use in low traffic areas

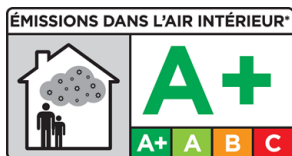
### USE

Suitable surfaces include existing coats of wall paint, cement, plaster, concrete, brick, plaster board.

Also suitable for directly on wood. Suitable on metal and PVC after using a first layer of an adhesion primer.

Paint takes 28 days to “cure” or fully harden. Ensure you do not clean or compromise the paint until this time has lapsed.

### CERTIFICATES



Information on the level of emission of volatile substances in indoor air, presenting at risk of inhalation toxicity, on a class scale ranging from A + (very low emissions) to C (high emissions).

## COLOUR

White and colours in the Graham & Brown colour service colour mixing system.

## APPLICATION

Stir thoroughly prior to use. The first coat can be diluted with a maximum of 10% water. Apply in 1, 2 or 3 coats using a suitable brush, paint roller or paint sprayer. Always work wet-on-wet to prevent marks in the paint. Back-roll all overlaps in the same direction. Do not touch up when drying.

## SPRAY SETTING

Spraying:	Airless	Airmix
Nozzle opening	0.017-0.21"	0.017-0.21"
Pressure	approx. 200 bars.	approx. 120 bars.
Air pressure	-	approx. 2 bars.
Dilution	0 – 10 %	0 – 10 %

The stated settings for spraying this product should be taken as your starting point. Depending on the on-site conditions, the settings will have to be determined by the person applying the paint.

## COVERAGE

Covers up to 12m<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

23°C and 65% relative humidity. Dust-dry after approximately 1-2 hours. Can be painted over after approximately 4 hours.

## 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 WOOD

- Prime highly absorbent surfaces in their entirety with Graham & Brown Primer and Undercoat.
- Thoroughly clean powdery surfaces.
- After drying, apply 2-3 coats of Graham & Brown durable matt emulsion.

#### PAINTED WALL SURFACES IN GOOD CONDITION

- Clean thoroughly.
- After drying, apply 2-3 coats of Graham & Brown durable matt emulsion.

#### EXISTING OLD COATS

- Remove loose parts.
- Touch up with Graham & Brown primer.
- Thoroughly wash powdery coats and allow them to dry.
- Carry out any repairs
- Prime with Graham & Brown wall primer.
- After drying, apply 2-3 coats of Graham & Brown durable matt 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 durable matt emulsion.

#### WOOD

- Clean thoroughly.
- Treat bleeding wood with an isolating primer first.
- Apply 2-3 coats of Graham and Brown Durable Matt Emulsion directly on wood.

- To protect the paint on wood from scratches use a protective varnish or wax as a topcoat. This may influence the colour of the paint.

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

## TECHNICAL DATA

Binding agent	Solvent-free synthetic resin dispersion
Pigments	Rutile titanium dioxide and mineral fillers
Solvent	Water
Solid components	Approximately 35 u/u %
Specific mass	Approximately 1.46 g/ml
Recommended coat thickness	Dry coating thickness/coat: approx. 39 micrometres Wet coating thickness/coat: approx. 111 micrometres
Degree of gloss	5% @ 85°
Dilute with	Water
Hazard classification	See MSDS
Tool cleaning instructions	Use water and soap

## STORAGE

Minimum of 12 months in the tightly sealed original packaging in a dry, cool and frost-free place.

## DURABILITY

BREEAM: GRAHAM & BROWN products comply with V.O.C. regulation and legislation (European V.O.C. directive paints and varnishes nr 2004/42/EG) and therefore do not prevent certification according to BREEAM-NL HEA 9.

Water-dilatable paint products contain hardly any solvents and are less harmful to the environment.

Tools can be cleaned with water.

## **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 at least 3°C above the dew point temperature. Always use the required personal protective equipment when applying this product. Do not inhale spray mist/fumes given off by products. Always ventilate appropriately when applying.

## **SURPLUS PRODUCT**

This product and the packaging should be disposed of at a collection point for hazardous or special waste.