

# EPIGEN – 2PAK WATER BORNE EPOXY COATING

## PRODUCT DATA SHEET



**DESCRIPTION:** EPIGEN is a two pack high performance waterborne epoxy protective finish. It is extremely durable and resistant to abrasion, impact loading and chemical spillage. This epoxy polyamide binder will produce a waterproof barrier coating on most surfaces including concrete, render, plaster, brickwork, etc.

EPIGEN will resist the growth of mould, algae and bacteria and will withstand repeated cleaning by high pressure washing and steam-cleaning.

EPIGEN can be used as part of an anti-slip floor coating system and is available in a range of colours. This low sheen finish is ideally suited as a floor and specialist wall finish.

### SPECIAL FEATURES

- Waterproof
- Fungistatic
- Low odour
- Hard wearing
- Non- tainting
- Super tough film
- Environmentally friendly
- Chemical resistant
- Hygienic

### PRODUCT USES:

- Areas requiring high fungistatic & hygienic standards where work disruption is undesirable
- Ideal for use in areas where a tough durable finish is required with a low odour application
- The dry film provides a tough, low sheen finish, which is resistant in heavy traffic areas

Ideal as a wall and floor coating in:

- Hospitals
- Breweries
- Abattoirs
- Commercial Kitchens
- Food & Drink Processing Plants
- and various other specialised surfaces
- Pharmaceutical Industries
- Multi-Storey Car Parks

SOLIDS	60% ± 1% by volume 70% ± 1% by weight
SPECIFIC GRAVITY	1.38 ± 0.03 g/cm <sup>3</sup>
THEORETICAL COVERAGE	5-10 m <sup>2</sup> /kg depending on absorbency
FILM THICKNESS	wet microns: 50 dry microns: 30
VOC	59g/L (mixed 4:1)
DRYING TIME	At ambient temperature - Sand dry: 2-3 hours @ 23° RH 50% Hard dry: 4-6 hours @ 23° RH 50% Full cure : 7 days @ 23° RH 50%
MIXING RATIO	4:1 by weight <b>Important note:</b> mix thoroughly all of activator & base before use
POT LIFE	1 hour @ 23° RH 50%
FINISH	Low sheen
COLOURS	White, pastels and many RAL, BS colours
VISCOSITY	90 ± 5 KU

**Storage:** Store in dry, cool conditions and protect from frost

**Thinners:** Up to 10% cold, clean water may be added to adjust viscosity for optimum application

**Surface preparation:** Surface temperature must be above 10°C. Good ventilation is required

**Application:** by brush or roller

**IMPORTANT NOTE:** Depending on floor texture and many other factors, floors coated in the product may prove slippery particularly when wet. Where there is a danger of a person slipping, we suggest review of specification and the use of special anti-slip floorings.

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### HEALTH AND SAFETY INFORMATION:

Observe all safety guidelines on the can. Use only in well ventilated areas. Protective clothing and respiratory protection should be worn. Avoid skin contact by use of cream and gloves. Wash thoroughly with a suitable skin cleanser any areas where product comes into contact with skin followed by washing with soap and water. Splashes in the eyes should be well flushed (at least 10 minutes) with water or a proprietary eye wash and medical attention sought. Product is flammable and should be kept away from sparks and naked flames.

### IMPORTANT NOTE:

The information contained in this Data Sheet is not intended to be conclusive, and any person using this product without first obtaining written confirmation from General Paints as to the suitability of this product for the intended purpose, does so at his or her own risk. Whilst we attempt to ensure that all advice we give about this product (whether in the sheet or otherwise) is correct, we have no control over the quality or condition of the substrate or the many factors affecting the use and application of this product. Therefore, unless we specifically agree in writing to do so, we do not accept liability whatsoever, or howsoever arising, for the performance of this product or from any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of this product. The information contained in this sheet is likely to change from time to time in the light of experience and our policy of on-going product updates.

### HEALTH & SAFETY INFORMATION:

This product should not be used without reference to the relevant Material Safety Data Sheet, which General Paints Ltd. has provided for its customers. If for any reason a copy of this Data Sheet is not available the user should contact General Paints Ltd. to obtain a copy before using this product.