

Product Description

- 1.1 Product name **DYRUP Gulvmaling Epoxy Super**
- 1.2 Quality no. 88238
- 1.3 Product type Two-component, Aqueous Epoxy Floor Coating
- 1.4 Manufacturer DYRUP A/S
Gladsaxevej 300, 2860 Søborg
Telephone +45 39 57 93 00 & Telefax +45 39 57 93 93
- 1.5 Area of application For treatment of interior concrete floors and walls, where a cleaning-friendly surface with good abrasion resistance and chemical resistance is wanted. For areas with foot traffic and light rubber-wheeled traffic, for instance storerooms and production workshops, light industry, hospitals, agriculture, basements, balconies, etc.
- 1.6 Delivery form Component A + B (must be mixed)
- 1.7 Shades
- | | |
|---|---|
| <u>Standard shades:</u>
White
Pale grey
Medium
grey Black | <u>Bases:</u>
Base P
Base T
Base M |
|---|---|
- Bases are tinted with a special paste
- 1.8 Pack size Standard shades: 5.0 and 10.0 kg
Bases: 5.0 kg

2. Composition

- 2.1 Binder Epoxy
- 2.2 Pigment Organic and inorganic pigments
- 2.3 Solvent Water
- 2.4 Active ingredients -

3. Technical data

- 3.1 Specific gravity Approx. 1.2 g/ml
- 3.2 Flash point -
- 3.3 Viscosity Creamed
- 3.4 Washability -
- 3.5 Volume solids Standard: approx. 63 w/w %. Bases: approx. 58 w/w %
- 3.6 Gloss Approx. 60 at 60° illumination angle.
- 3.7 Special properties Hard, antiadhesive, robust, durable, dirt-repelling and alkali resistant.
- 3.8 Odour Light
- 3.9 Coverage 150-200 g per m² depending on the substrate.
- 3.10 Drying time Recoat: Approx. 12 hours and max. 72 hours - after that the surface has to be grinded matt. Fully hardened: Approx. 7 days
At approx. 20° C and normal air humidity (60%).
- Discrepancies may occur in case of changes in temperature, air humidity and coat thickness.

3.11 Storage life 12 months in unopened container.

3.12 Store Tightly closed and frost-free.

4. Use

4.1 General **Mixing of components:** Mix 4 volumes of Component A (base) and 1 volume of Component B (hardener) carefully immediately before application. Before the components are used, the base must be stirred so it becomes homogeneous. If portions bigger than 1 litre are mixed, a slowly rotating hand drill should be used. Insufficient stirring or incorrect dosage will lead to uneven hardening and reduce the properties of the paint film.

Always use the same production number for the whole job to avoid differences in shade and gloss.

The product must be used within 1½ hours after having mixed the components. After this time the coating is unfit for use.

4.2 Substrate The substrate must be clean and sustainable - free from sludge, dust, dirt, oil, grease residues and other adherence-reducing substances. The substrate must have a tensile strength of at least 1.5 MPa. Newly cast concrete floors must be at least 28 days; otherwise special products must be used.

4.3 Preparation **New surfaces:** Remove concrete sludge from the surface by grinding or acid etching. Friable and disintegrated floor surfaces must be grinded until hard and strong concrete.

Remove any concrete dust by vacuum cleaning.

Acid etching is only used if grinding cannot be performed. The etching can be done by use of diluted hydrochloric acid (1 part concentrated hydrochloric acid to 4 parts water). After the etching, the floor must be rinsed with plenty of water and then left to dry.

Old concrete floors/surfaces: Unpainted and greasy floors can be cleaned with an alkaline degreasing detergent. After the cleaning, the floor must be grinded.

Earlier painted concrete floors/surfaces: To be cleaned with DYRUP Grundrens and grinded matt.

4.4 Treatment At least 2 x DYRUP Gulvmaling Epoxy Super on untreated concrete surfaces. 3 coats are recommended if there is other traffic than foot traffic. First coat is diluted approx. 10% with water. Second coat is diluted approx. 5% with water. Third coat is applied undiluted.

4.5 Maintenance As appropriate. Inspect treated items regularly and repair any damage

4.6 Application Brush or smooth roller.

During application and drying, the surface temperature must be above 10° C and the relative air humidity under 65%.

4.7 Dilution Water - must not be diluted until the components have been mixed:

4.8 Cleaning of tools Water and soap.

DYRUP A/S

Gladsaxevej 300 • DK-2860 Søborg

Tel: +45 39 57 93 00

5. Safety and the environment

5.1 General Standard regulations for painting work must be observed. For further information please refer to the supplier's directions for use.

5.2 Safety regulations for painting work 00-5 (1993).

6. Good advice

Grinding is the best way to remove casting sludge. HTC-grinding machines or similar equipped with suitable discs can be recommended for grinding.

The final mixture is **poured** into roller buckets - **never** scrape the sides or the bottom of original container, as there is a risk of the residual product not being sufficiently mixed.

Cars and other heavy vehicles with rubber wheels must not be parked on newly painted floors until the hardening process is complete, as the softener in the rubber may interact with and destroy the surface. After hardening the surface is resistant to softeners.

This product description is intended to provide users with objective but non-binding guidelines in the correct use of DYRUP Gulvmaling Epoxy Super. However, the technical information contained in this product description does not relieve users of their responsibility for testing the product for any given use.

If in doubt: Contact DYRUP Technical Service Department.

The information in this product sheet is based on extensive laboratory tests and practical experience. As the conditions under which the product is used are often beyond Dyrup's control, our guarantee applies only to the quality of the product itself. In principle paint can be considered a semi-manufacture as the result depends on the construction, substrate quality, preparation, temperature, air humidity, application, etc.

Dyrup reserves the right to change the product and the data provided without prior notice. This product description replaces all former versions.

DYRUP A/S

Gladsaxevej 300 • DK-2860 Søborg

Tel: +45 39 57 93 00

88238 DYRUP Gulvmaling Epoxy Super	Created: 28.10.2010	Changed: 05.12.2012	Page 3 of 3
------------------------------------	---------------------	---------------------	-------------