

Selection & Specification Data

Generic Type	Two - components, solvent free, self-levelling epoxy flooring/screed.
Description	Everdeck is a solvent free, flexible and durable epoxy flooring/ screed for use as a deck-coat on steel or concrete surfaces. Especially suitable as epoxy screed where the coating is filled with sand to achieve a high impact strength.
Features	<ul style="list-style-type: none"> • Excellent abrasion resistance and corrosion protection • Can be used as a topcoat over epoxy screed • Typical applications include hydropower, offshore, chemical processing and other heavy duty industries
Color	Grey, Yellow and Green
Finish	Gloss (Epoxies lose gloss and chalks in sunlight exposure).
Topcoats	May be topcoated with epoxy, polyurethane or other coatings as recommended by Carboline.
Dry Film Thickness	1,5 - 5 mm dry film thickness
Solids Content	By volume: 98 ± 2%
Theoretical Coverage Rate	0,65 m ² /l at 1500µm Allow for loss in mixing and application.
Dry Temp. Resistance	Continuous: 120°C Non-continuous: 150°C
Submerged Temp. Resistance	Continuous: 40°C Non-continuous: 55°C
Limitations	Not recommended for immersion service in other liquids than water.

Substrates & Surface Preparation

General	Surface must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Apply over properly prepared steel, concrete or other surfaces as recommended by Carboline.
----------------	---

Application Equipment

Brush, roller, putty knife (tooth edged) or two-component airless spray. When Everdeck HR is used as an epoxy screed, add quartz sand (size 0,8 – 1,2 mm).

Detailed instructions can be found in a separate Users Manual.

Mixing & Thinning

Mixing	Power mix separately, then add part B to Part A and power mix. DO NOT MIX PARTIAL KITS.
Ratio	2,5 : 1 (A to B) by volume
Thinning	Normally no thinning
Pot Life	Approx. 45 min. at 24°C and longer at lower temperatures

Cleanup & Safety

- Cleanup** Use Carboline Thinner #2 or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
- Safety** Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Application Conditions

Condition	Material	Surface	Ambient	Humidity
Normal	15-30°C	15-30°C	15-30°C	30-90%
Minimum	10°C	5°C	5°C	0%
Maximum	30°C	50°C	45°C	85%

Industry standards are for substrate temperatures to be 3°C above the dew point. Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate. Special application techniques may be required above or below normal application conditions.

Curing Schedule

Surface Temp. & 50% Relative Humidity	Dry to Recoat	Final Cure
5°C	20 Hours	28 Days
15°C	12 Hours	12 Days
25°C	8 Hours	7 Days

Packaging, Handling & Storage

- Kit Standard** Part A 12,5 litres
Part B 5 litres
- Storage (General)** Store indoors
- Storage Temperature & Humidity** 5° - 45°C
0 - 95% relative humidity
- Shelf Life** 24 months at 24°C

Note

This product shall only be used as a single-coat or in a system with other recommended Carboline products. Otherwise an approval shall be issued by Carboline.



CARBOLINE NORGE AS
P.O Box 540, 3412 Lierstranda
Tel. +47 32 85 74 00 Fax +47 32 85 74 96

An RPM Company

May 2009 replaces October 2004