



TECHNICAL DATA SHEET

30835
SUPER-DICKSCHUTZ EG**Super-Dickschutz EG - Thick-layer paint****Area of application:**

Super-Dickschutz EG is a thick-layer, low-solvent paint for protection against corrosion. The product adheres

The product adheres securely and directly to many substrates and is suitable for use as a primer and as a top coat (one-pot system). Super Thick Protection EG can be used for gates, pipes, railings and metal façades, for example. High corrosion protection due to micaceous iron oxide and active pigments.

Properties:

- One-pot system for primer, intermediate and top coat
- tested on steel and galvanised steel in accordance with corrosion category C3 high to DIN EN ISO 12944 - 6.
- Can be applied in thick coats with very good through-drying
- Effective corrosion protection due to active pigments and micaceous iron oxide
- Excellent adhesion to a wide range of substrates
- high edge coverage
- Good weather resistance
- resistant to embrittlement
- aromatic-free (VdL-RL-01)

Standard colours: DB 701, DB 702, DB 703

All-colour factory tinting: 8340 old copper, DB 301, DB 310, DB 501, DB 502, DB 503, DB 510, DB 601, DB 602, DB 603, DB 610 and DB 704.

Container: 750 ml, 2.5 l, 10 l

Consumption: 120 - 150 ml per m² per coat, depending on the application method.

Gloss level: satin gloss

Application:**General rules:**

The preparation of the substrate and the execution of the painting work must correspond to the current state of the art. All coatings and preparatory work should always be based on the object and the requirements to which it will be exposed. Please refer to the current BFS leaflets published by the Federal Committee for Paint and Property Protection. See also VOB, Part C DIN 18363, Paragraph 3 Painting and varnishing work.

The further treatment/removal of layers of paint such as

sanding, welding, burning off, etc. can cause hazardous dust and/or vapour. Only carry out work in well-ventilated areas. Wear appropriate (respiratory) protective equipment if necessary.

All substrates must be clean, dry, sound and free from separating substances. Unsafe substrates must be tested for load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and check adhesion by means of a cross-cut and/or fabric tape tear-off. In the case of coating structures, intermediate sanding should be carried out between the individual coatings. Sand greyed and weathered wood zones down to the load-bearing substrate. Clean and sand sound old coats. Round off sharp wood edges. Ensure sufficient drainage bevels on horizontal surfaces. The wood moisture content should not exceed 12 % for hardwoods and 15 % for softwoods. The drier the substrate, the greater the penetration depth, which improves the protective function and service life of subsequent coats. Wash out tropical woods with drying-delaying ingredients with nitro thinner and apply a test coat.

In exterior areas, it is recommended to pre-treat untreated or exposed wood susceptible to fungi with Holz-Imprägnier-Grund. Observe the technical data sheet, DIN 68800, Part 3 and BFS data sheet 18.

Substrate:

The substrate must be firm, dry, clean, sound and free from separating agents.

Suitable substrates:

Old paintwork, iron, steel, stainless steel, zinc and galvanised steel, aluminium, copper, brass, hard plastics.

Substrate preparation:**Old paintwork:**

Check old paintwork for firm adhesion. Completely remove old paintwork that is not stable. Thoroughly clean and sand sound old paintwork. In the case of unknown old coatings, e.g. on coil-coated sheet metal, we recommend applying test coats and checking adhesion using cross-cut samples.

Iron and steel:

Thoroughly derust iron and steel. Remove any rolling skin or scale. Heavily contaminated steel surfaces should be blasted to standard purity grade SA 2 1/2 in accordance with DIN EN ISO 12944 - 4.

Stainless steel:

Thoroughly degrease and steam clean stainless steel. We recommend applying test coats and checking adhesion using cross-cut samples.

Zinc and galvanised steel parts:

Clean with SÜDWEST Zinc and Plastic Cleaner. Observe the technical data sheet and BFS data sheet no. 5.

Aluminium (not anodised): Clean with SÜDWEST Copper and Aluminium Cleaner. Observe the technical data sheet and BFS data sheet no. 6.

Copper/brass: Clean with SÜDWEST Copper and Aluminium Cleaner. Observe the technical data sheet.

Hard plastics, e.g. hard PCV: Clean with SÜDWEST Zinc and Plastic Cleaner. Observe the technical data sheet and BFS data sheet no. 22.

Application:

Stir well and roll, brush or spray generously. Apply as undiluted as possible so that a thick layer can be applied. Coat manually derusted substrates 3 x, all other substrates at least 2 x.

Wet film thickness 100 - 300 µm per coat, depending on the application method per coat. Dry film thicknesses of up to approx. 50 - 120 µm can be achieved.

Application by spraying:

Process	Nozzle	Material pressure	Air pressure	Dilution
High pressure	2,0	-	2,0 bar	5 – 10 %
Low pressure	Middle	Cca. 2/3	Max.	5 – 10 %
Airless	0,012“	180 – 200 bar	-	-
Airmix	0,012“	150 – 180 bar	1,0 – 2,0 bar	-

Processing conditions:

Do not apply/allow to dry at air and object temperatures below +5°C. Do not apply in direct sunlight.

Dilution/tool cleaning: Synthetic resin paint thinner (aromatic-free)

Drying: (+ 20°C / 60 % rel. humidity, 100 µm wet film thickness)

Dust-dry: approx. 3 hours

Recoatable: approx. 14 hours

Completely dry: approx. 3 - 4 days

Higher layer thickness and/or lower temperatures delay the drying times

Special notes: Please apply a test coat to check compatibility with existing coats. Achieving a uniform layer thickness and an even appearance depends on the application method. In

general, the spraying method produces the best results. Solvent-based alkyd resin paints have an material typical odour, which may still be perceptible after drying.

We therefore recommend the use of SÜDWEST water-based paints for large-indoor-area applications.

Colour stability according to BFS data sheet no. 26: Class: B, Group: 1 - 3 depending on colour shade

EC Directive 2004/42/EC:

The product "Super-Dickschutz EG" falls below the maximum VOC value of product category i (500 g/l) and is therefore VOC-compliant.

VDL declaration:

Alkyd resins, (depending on colour shade inorganic and/or organic pigments), inorganic white and black pigments, mineral fillers, effect pigments, micaceous iron oxide, anti-corrosion pigments, aliphatic hydrocarbon mixtures, alcohols, wetting agents, anti-foaming agents, phyllosilicates, drying agents, antioxidants, adhesion promoters, light stabilisers.

GISCODE: BSL20

General safety advice:

Ensure good ventilation during processing and drying of paints and varnishes. Keep away from food, drink and animal feed. Avoid contact with eyes and skin. Do not inhale dust during sanding work. Use only in well ventilated areas.

Do not eat, drink, smoke or snuff while working. Keep out of reach of children. Do not allow to enter drains or watercourses. In the event of pollution of rivers, lakes or sewers, notify the relevant authorities in accordance with local legislation. Further information current safety data sheet at

www.xxlcolors.com

Storage:

Seal opened containers airtight. Store in a cool but frost-free place.

Disposal:

Only empty containers are suitable for recycling. The current legal regulations must be observed for disposal. Technical advice: Regarding all questions that have not been answered by this technical data sheet send an email to info@sudwest.sk