

BESSEMER[®] AMBOS

Anticorrosive topcoat based on linseed oil

2530-a May 2022

1. Description

Product character: BESSEMER AMBOS is a high-quality anticorrosive topcoat based on linseed oil.

Range of application: BESSEMER AMBOS is an one-component topcoat for metallic surfaces.

Vehicles with slow-drying oils of high penetration capacity provide for a weatherproof, permanently elastic paint film with excellent adhesion. BESSEMER AMBOS is easy to spread.

Registrations: MA 39 (as coating system)

Shades: 12 standard shades on stock.

Special shades may be ordered on request.

Packing: 0,75 L and 10 L in metal container.

2. Technical Data

Vehicle: solvent-poor combination of special oils and resins with linseed.

Density: approx. 1,45 -1,65 g/cm³ (20° C), depending on shade.

Flash point: > 60° C

Solids: approx. 95 %

Recommended dry film thickness: 40 - 50 µm/layer.

Viscosity: approx. 160-180 sec. DIN 4 mm flow cup (20° C)

Gloss: satin gloss

Drying: (at 23° C, 50 % relative humidity and a wet film thickness of approx. 100 µm)

dust-dry: after approx. 5 hours

touch-dry: after approx. 12 hours

over paintable: after approx. 24 hours

high humidity and/or low temperatures will delay drying substantially.

Storage: Storable between + 5° C and + 25° C in closed original packing at least for 5 years. Stir up well before use. Close well after opening.

3. Treatment

General: Shades can be mixed in any ratio.

Application: Brushing, rolling.

Surface preparation: The substrate must be examined for its bearing capacity and suitability for overpainting and conditioned as provided in Austrian Standard ÖNORM B 2230.

When painting weathered galvanized sheet steel (zinc-coated steel structures) take notice of leaflet 5 „Coating on zinc and galvanized steel” from Bundesausschuss Farbe und Sachwertschutz (BFS)

Recommended painting structures:

- New coats:

Examine the metallic surface for the type of metal and degree of weathering, check for surface dirt. Zinc and galvanized surfaces are to be prepared according to Merkblatt 5 of BFS.

Clean the surfaces to be painted and remove dirt of all kinds, including dust, mortar droppings, and similar residues from construction work, grease, soot, or bitumen residues with BESSEMER CLEAN W15 solvent-based cleaning agent. Eliminate flue-gas deposits and corrosion products by high-pressure water-blasting.

Weathered zinc, galvanized sheet: apply BESSEMER RS GRUND as a primer. Rusty spots must be first painted with BESSEMER RS GRUND.

BESSEMER AMBOS is NOT RECOMMENDED on unweathered, new galvanized surfaces! Material must be weathered for at least 3-5 years.

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<p>- Repainting jobs:</p>	<p>Examine the existing coat for its suitability for overpainting and note its layer thickness, adhesion, carrying capacity, product quality, paint system and type of metallic subsurface. Clean the surfaces to be painted by removing incoherent corrosion, soot, peeling paint, mortar droppings and other dirt with a paint-scraper and wire brush and thoroughly dust the surfaces. Eliminate flue-gas deposits and corrosion products by high-pressure water-blasting. Completely remove any coat that shows excessive dry film thickness, inadequate adhesion to the ground, cracks, blister formation or large-scale peeling. Prime with BESSEMER RS GRUND. Rusty spots must be patched with BESSEMER RS GRUND. Repainting with BESSEMER AMBOS is not recommended for partially dissolving plastic coatings.</p>
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Application note: Thoroughly mix before use. **Viscosity is ready for use.** Always use the special thinner provided for this purpose (max. 3%). Do not use at temperatures below +10°C.

Consumption: approx. 120 - 160 g/m² (10-13m²/L) and application are enough for approx. 40 - 50 µm dry film thickness.

Recoat able: with BESSEMER AMBOS and BESSEMER AMBOS ULTRA.

Thinner: BESSEMER UNITHIN

Tool Cleaning: Immediately after use with the recommended thinner, or BESSEMER CLEAN W15.

4. Special Notes

Only use the recommended thinner. During application take notice of the safety regulations.

We emphasize that due to technical reasons, dependent on relative humidity and surface-temperature (below 10°C), there can occur much longer drying-times. BESSEMER AMBOS therefore should be applied at warm and dry weather periods.

ADR/RID-GGVS/E Class 9 (M6); III; UN 3082

VbF: not applicable

The information contained in this technical leaflet is based on recent research and technology. However, due to the extensive range of applications, we are unable to offer an unconditional guarantee for all possible applications. Please contact us for any further technical information or advice you may need.