

BESSEMER[®] AMBOS

Anticorrosive top coat based on linseed oil

2530-a February 2015

1. Description

Product character: BESSEMER AMBOS is a high quality anticorrosive top coat based on linseed oil.

Range of application: BESSEMER AMBOS is an one-component top coat 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 linseed oil with high-polymer plastics and solid resins.

Density: approx. 1,50-1,65 g/cm³ (20° C), depending on shade.

Flash point: > 55° 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

overpaintable: 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 1 year. 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 has to 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 „Beschichtung auf Zink und verzinktem Stahl“ from Bundesausschuss Farbe und Sachwertschutz (BFS)

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Recommended painting structures:

<p>- New coats:</p>	<p>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.</p> <p>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 REINIGER W 15 solvent-based cleaning agent, or BESSEMER UNI CLEAN, water based cleaning agent concentrate. Eliminate flue-gas deposits and corrosion products by high-pressure water-blasting.</p> <p>Weathered zinc, galvanized sheet: apply BESSEMER AMBOS GRUND as a primer. Rusty spots have to be first painted in orange-red with BESSEMER AMBOS GRUND.</p> <p>BESSEMER AMBOS is NOT RECOMMENDED on unweathered, new galvanised surfaces! Material has to be weathered for at least 3-5 years.</p>
<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.</p> <p>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.</p> <p>Prime with BESSEMER AMBOS GRUND. Rusty spots have to be patched with BESSEMER AMBOS GRUND.</p> <p>Repainting with BESSEMER AMBOS is not recommended for partially dissolving plastic coatings.</p>

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 sufficient for approx. 40 - 50 µm dry film thickness.

Recoatable: with BESSEMER AMBOS and BESSEMER AMBOS ULTRA.

Thinner: BESSEMER UNIVERSAL-STREICHVERDÜNNUNG and BESSEMER UNIVERSAL-SPRITZVERDÜNNUNG

Tool Cleaning: Immediately after use with the recommended thinner, or REINIGER W 15.

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-GGVSE 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.