



TC1319 tex-din 3.0

High-quality object paint



Wet abrasion
R-Class
3

Hiding power
Hi-Class
1

Yield
6
m²/l



www.blauer-engel.de/uz102

- emissionsarm
- schadstoffarm



Application area

For renovation and new coatings in the entire living and working area. Suitable for all interior substrates such as plasters of mortar groups P II and P III, gypsum plasters of mortar group P IV, concrete/fiber cement boards, gypsum plasterboards, glass fabrics, glass and cellulose fleeces, woodchip as well as textured or paper wallpapers and for recoating intact old dispersion-based coatings.

Tinting

White with max. 3 % universal tinting pastes (the pigments may float out, so we recommend a preliminary test). If the tinting is done with a pigment/tinting paste or a tinting color that does not conform to the requirements of the Blue Angel, the tinted paint no longer meets the criteria of the Blue Angel. Tinting can eliminate the need for preservatives. Check the colour shade accuracy before processing – no exchange. Claims for compensation from colour deviations made after processing cannot be accepted. On visually connected surfaces, use only a colour shade of one production / tinting / batch. After tinting, deviations from the technical characteristics and properties are possible.

Application method

Coating acoustic ceilings Dilute the material with 20% water and apply exclusively by airless spraying. The applied coating is not subsequently re-rolled or brushed.

Spray angle: 50°; nozzle: 0.018 - 0.021"; spray pressure: approx.110 bar (depending on equipment). Carry out two work cycles, each with max. 200ml/ m² of diluted material. A drying time of 4 hours should be observed between the working cycles. Application with brush, roller or spray application.

Roll application:

For standard processing for roller application, we recommend an inner paint roller with 12 mm pile height.

Spray application:

Adjust material to spray viscosity. Observe the information provided by the device manufacturer. For an even surface finish, we recommend to roll out the surface.
Airless spraying: Spray angle: 50°;
Nozzle: 0.018 - 0.021"; Spray pressure: 120-180 bar

Coating build-up

Prepare the substrate properly. See chapter "Substrates and their pre-treatment". In most cases and on surfaces without strong colour contrasts, a single coat of undiluted paint is sufficient for the recoating.

Intercoating:

On high-contrast surfaces, apply an intermediate coat diluted with max. 10% water, depending on application and substrate.

Top coat:

Apply undiluted or diluted with max. 5% water.

Application temperature

At least +5 °C for object and ambient temperature during application and drying.

Consumption

Approx. 165 ml/m² per coat on smooth, slightly absorbent substrates. On rough substrates correspondingly more. The exact consumption values are to be determined by a test coating. Consumption may vary depending on the absorbency of the substrate and application method.

Dilution

With max. 10 % water.

Drying time

At +20 °C and 65 % relative humidity:

Overpaintable after approx. 4 hours

Drythrough after approx. 4 days

These times change at lower temperatures and/or higher humidity.

Processing information

- Stir well before use. The material can be diluted to adjust the consistency.
- If the material is diluted too much, the properties (e.g. hiding power, colour, resistance) may be impaired.
- Wet-on-wet coating is recommended to avoid the formation of stripes. When painting with a brush, the painted area should be well coated. Finally, roll out the surface in one direction after the last application.
- Observe sufficient drying time between coatings.
- Immediately wash off any material splashes with clean water.
- All adjacent building and plant components, e.g. fixtures, floors, railings, doors, windows, etc., must be protected by careful covering measures.
- On contiguous surfaces, use only material from one production (batch).

Substrate	Type and state of substrate / pretreatment	Prime coat
Lime cement and cement plasters P II and III Compressive strength with min. 1.5 N/mm ² according to DIN EN 998-1	Firm, load-bearing, low absorbent.	<i>No primer required</i>
	Coarse porous, sanding, strong and variable suction.	<i>Suitable deep primer free of preservatives</i>
	After a sufficient drying time, newly plastered patches are to be treated and rewashed professionally.	
Plaster and finished plasters P IV compressive strength with min. 2 N/mm ² according to DIN EN 13279	Grind plaster with sintered skin and remove dust.	<i>tex-color TC1209 isolierfarbe aqua</i>
Filler	Grind and remove dust from the spatula burrs.	
Plasterboard, fully or partially filled	Plates with water-soluble, discolouring ingredients or yellowed plates.	
Concrete	Smooth, weakly absorbent. Remove release agent residues as well as powdery, sandy residues.	<i>tex-color TC3110 q4-primer</i>
	Coarse porous, sanding, strong and variable suction.	<i>tex-color TC3106 grundierfarbe wp</i> <i>Suitable deep primer free of preservatives</i>
Aerated concrete	Clean and remove dust.	<i>tex-color TC3110 q4-primer</i>
Sand-lime brick exposed masonry	Repair damages on joints and stones with material of the same type.	
Old coatings	Matt, slightly absorbent.	<i>No primer required</i>
	Clean dirty, chalking old coats. Clean chalking/dusting surfaces by brushing and washing.	<i>Suitable deep primer free of preservatives</i>
	Different absorbent surfaces, repaired areas.	
	In the case of lime and mineral paints, the chalk must be removed mechanically.	
	Glossy old coats must be roughened.	<i>tex-color TC3106 grundierfarbe wp</i>
Woodchip wallpaper, relief wallpaper and embossed wallpaper of paper and glass fabric	Uncoated, structured	<i>No primer required</i>
Cellulose and glass fleece	Uncoated, smooth	<i>tex-color TC3110 q4-primer</i>
Nicotine, water, soot or grease spots	Wash off with water and degreasing household cleaner and let it dry.	<i>tex-color TC1209 isolierfarbe aqua</i>
	Dry water stains must be brushed off dry.	
Surfaces with mould and fungus infestation	Remove mould infestation professionally in accordance with the "Mould Remediation Guide" (published and available from the Federal Environment Agency). (*Use biocides carefully. Always read the label and product information before use). For the remediation of large mould infestations (> 0,5m ²), we recommend specialised companies that have the necessary expertise and technical capabilities to permanently remove the mould infestation.	<i>tex-color TC8101 biozid-sanierlösung</i>
Permanently elastic joint compounds and sealing profiles	Examine the compatibility or the suitability for overpainting (cf. DIN 52 460).	<i>No primer required</i>