

weber.ton Xtreme

Intensive Color Facade Paint

Solvent-free and water-repellent pure acrylate facade paint for intensively tinted and resistant coatings

Fields of application

As intensive, dark tinted and abrasion-resistant paint.

For the colour design of several types overlay renders: mineral top coats (range **weber.star** and **weber.top**) as well as silicate top coats, organic top coats and silicone resin top coats (range **weber.pas**) in new and old buildings.

Also for the renovation of old organic paints.

For use outdoors.

Description

weber.ton Xtreme is a factory-mixed and ready-to-use facade paint based on pure acrylate dispersion.

Main features

- can be intensively tinted
- available with TSR (Total Solar Reflectance) technology upon request
- good covering capacity
- water-repellent
- easy application
- elastic
- lightfast
- solvent-free
- for use outdoors

Technical values

Water permeability rate (w) (EN 1062-1):	$\leq 0.5 - > 0.1 \text{ kg/m}^2 \cdot \sqrt{\text{h}^2}$	W ₂ medium
Water vapour diffusion stream density (V) (EN 1062-1):	$\leq 150 - > 15 \text{ g/m}^2 \cdot \text{d}$ (= per day)	V ₂ medium
Diffusion-equivalent air layer thickness (s _d) (EN 1062-1):	$\geq 0.14 - < 1.4 \text{ m}$	
Gloss (G) (EN 1062-1):	matt	G ₃
Grain size (S) (EN 1062-1):	$< 100 \mu\text{m}$	S ₁ fine
Dry film thickness (E): (EN 1062-1):	$> 100 \mu\text{m} - \leq 200 \mu\text{m}$	E ₃
Density:	$1.3 - 1.5 \text{ g/cm}^3$	

Quality control

weber.ton Xtreme is subject to a regular quality control by self-monitoring.

General notes

- In case of repair works of old renders, make sure that the repaired surfaces correspond in structure, hardness and porosity to those of the old render, in order to avoid shading and colour deviations after completion of painting works.
 - The consumption figures mentioned in this document refer to the minimum layer thickness of the render. Due to specific substrates and application variations the consumption might vary. Exact consumption must be determined on a job site mock-up (trial area).
 - Comply with the national guidelines and/or standards (for ex. DIN 18550); if not issued and if necessary, request technical advice.
 - If possible, order the whole material quantity for the building site in one. If any buckets of different batch numbers, mix them with one another.
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Special notes

- The TSR value (Total Solar Reflectance) should be checked in case of dark colours. On Etics (external thermal insulation composite systems) the TSR value should be $\geq 25\%$. Special pigment combinations of TSR technology allow to obtain particularly dark colors with higher TSR values.
 - The product is factory-set to algicide and fungicide. Handle biocides carefully. Always read packaging label and product information before use.
 - If a higher resistance against algal and fungal growth is requested, we recommend to use the biocide-free product range AquaBalance for paints.
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- Permanent high humidity level and dirt deposits for ex. in cases of application on socket areas of facades, faulty drainage and planting of trees close to buildings can promote the formation of algae and fungi.

Substrate preparation

- The substrate must be load-bearing, dry, clean and free of all loose and adhesion-impairing particles.
- Clean old substrates carefully; allow wet cleaned surfaces to dry thoroughly before any further treatment.
- Sanding substrates: use the solvent-free and deep-penetrating primer **weber.prim 400** for purpose of consolidation.
- Allow freshly applied renders to dry thoroughly approx. 7 days at the earliest; the drying period will vary according to weather conditions.
- Freshly applied mineral renders: use the silicate fixative **weber.prim 406** (water glass-based primer) for purpose of silification.
- Substrates with different porosity: use the regulating primer **weber.prim 405**.
- In case of critical substrates that may result in discolouration or bleed through in the coating, a pre-treatment with an appropriate barrier primer is necessary to ensure that the finish is not marred by "grinning" from the preceding layer.
- Mineral renders: use the primer **weber.prim 406**.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- During application and drying, the temperature of air, material and substrate must not fall below +5°C; the relative humidity rate must be always < 80%.
- Protect areas which should not be painted.
- Stir well the packaging content with an electric drill and an appropriate stirrer; adjust the consistency according to the substrate.
- **Intermediate coat:** dilute **weber.ton Xtreme** with max. 10% of clean water.
- **Top coat:** dilute **weber.ton Xtreme** with max. 5% of clean water.
- As a rule, apply edge-free in a thin and uniform manner on the whole surface.
- Respect the drying time of at least 12 hours between intermediate coat and top coat.
- Only use premium tools: brush, paint brush, padded lambskin roller with high pile or airless sprayer (nozzle 521 and approx. 100 bar pressure).

- Work without interruptions and “wet-on-wet” when applying the top coats to avoid breaks between working sections.
- Always paint delimited facade surfaces in a single work process without interruption.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Practical information

Colours:

free choice; feasibility upon request

Tools:

Brush, paintbrush, padded lambskin roller with high pile or airless sprayer (nozzle 521 and approx. 100 bar).

Storage:

The product can be stored at least 12 months in its original unopened packaging, if kept frost-free and protected from direct sunlight (at temperatures between +5°C and +30°C). Frost will destroy the product. After thawing it is not allowed to use it.

Consumption / yield

per coat: approx. 0.25 l/m² approx. 60.0 m² / 15 liters

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	15 liters	24 buckets

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.