

weberprim Hybrid 911 MT (2K) LG



weberprim Hybrid 911 MT (2K) Light Grey is a unique technology based on aliphatic polyhybrid and isocyanate-free compounds. With moisture tolerance of less than 6%, this primer serves as a universal primer for most weberfloor systems and is ideal for priming concrete substrates and cement screeds.

Technical Data Sheet

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TECHNICAL DATA

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| Color | Light Grey, Gloss |
| Volume Solid | 95% |
| Dry Film Thickness | 100 microns - 1000 microns |
| Consumption | 0.16/m ² for 100 microns |
| Pot Life | 80 Minutes |
| SG-Mix | 14 gr/cm ³ |
| Viscosity | 1925-1950 cps |
| VOC Content | Not required |
| Mixing ratio of multi-components products | Base : Hardener = 4 : 1 |
| Drying time | Touch Dry : 25°C : 4 Hours 32°C : 3 Hours Through Dry : 25°C : 14 Hours 32°C : 8 Hours Full Cure : 25°C : 1 Day |
| Adhesion Strength | 1.5 N/mm ² (concrete failure) or 300 psi (ASTM D4541) |

Packaging

5 Kg/Set

Component A: 4 Kg
Component B: 1 Kg

20 Kg/Set

Component A : 16 Kg
Component B : 4 Kg

Handling and Storage

The product must be stored in accordance with national regulations. Store the containers in a dry, cool, well-ventilated area away from heat and ignition sources. Keep containers tightly closed. Handle with care and stir well before use.

Shelf life

12 months if its store in a dry, cool, and enclosed room.

Substrate of Application

Product advantages

- Solvent-Free
- Moisture Tolerant
- Low Viscosity
- Improves Top Coat Adhesion
- Self-Smoothing
- Good Chemical Resistance
- Excellent Abrasion Resistance
- UV-Resistant for Outdoor Use

APPLICATION METHOD

1. Substrate Preparation

New Concrete Floor

- Concrete shall be clean, dry, and free of all contaminants such as dirt, oil grease etc. and concrete structurally sound and sufficient compressive strength min. 30 N/mm² with a min. pull off strength of 1.5 N/mm².
- Should be at least 14 days old before proceeding with weberprim Hybrid 911 MT (2K) Light Grey application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical grinding. On smaller areas thorough etching may be considered.

Old Concrete Floors

- Concrete shall be clean, dry, and free of all contaminants such as dirt, oil grease etc. and concrete structurally sound and sufficient compressive strength min. 30 N/mm² with a min. pull off strength of 1.5 N/mm².
- Mechanical cleaning methods are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred or existing coatings are present. These may well have been absorbed several millimeters deep into the concrete.
- To ensure good adhesion all contamination should be removed, and the surface thoroughly cleaned of all dust and loose debris.

2. Mixing and Blending Process

- Add the entire contents of the hardener tin to the base and mix thoroughly for 3 minutes until homogeneous, using a slow-speed drill (200-400 rpm) fitted with a suitable mixing paddle.

3. Application

- Once mixed, the primer should be applied immediately in a thin, continuous film to the clean, prepared surface.
- Work the primer into the surface using a notched or metal trowel, followed by a spiked roller.
- Avoid excess application and puddling. On porous surfaces, weberprim Hybrid 911 MT (2K) Light Grey will be absorbed very quickly. For weberfloor Hybrid Top Coat 913/903 applications, allow the primer to dry for a minimum of 8 hours or overnight.

Constraints / Pay attention

Keep away from heat, sparks, and open flames. Avoid breathing vapors and contact with skin and eyes. Keep containers closed and store in a cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application, and drying to maintain safe vapor concentrations and protect against toxic hazards. Use necessary safety equipment and carefully observe ventilation requirements, especially in confined or enclosed spaces such as tank interiors and buildings.

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