

SPHERE8 PRIMER AT 1600

Composition	Sphere8 Primer AT 1600 is a 1-component, water borne, acrylic primer.	
Application	Sphere8 Primer AT 1600 is applied as a primer for non-absorbent substrates like ceramic tiles. When diluted it can also be used as a primer on anhydrite or pre-treated concrete.	
Technical properties	Density	1070 kg/m ³
Pre-treatment substrate	A pre-treatment of the substrate is required to ensure the permanent bonding of a synthetic finish. Generally, all substrates must be free of grease, oil, dirt, moisture, and other contaminations that may negatively influence the adhesion with the substrate. This applies to both existing and new substrates. A substrate pre-treatment manual is available on request.	
Consumption	The consumption depends on the roughness and absorption capacity of the substrate. On average, the consumption is approx. 20-200 grams/m ² .	
Temperature substrate	min. 10 °C and max. 30 °C. The temperature of the substrate must be at least 3 °C above the dew point.	
Relative humidity	min. 30 % and max. 70 %	
Application temperature	min. 10 °C and max. 30 °C	
Application temperature material	min. 15 °C and max. 25 °C	
Mixing procedure	<ol style="list-style-type: none"> 1) Open the container and mix until a homogenous mixture is formed. 2) Pour the Sphere8 Primer AT 1600 into an empty container that is large enough to contain the Sphere8 Primer AT 1600 and the water to dilute the mixture. 3) Add a maximum of 10% of water to dilute the material and mix again until a homogenous mixture forms. 	
Application time	An application time of the Sphere8 Primer AT 1600 is not applicable because it is a 1-component material.	
Drying and curing	<p>The drying and curing times of the Sphere8 Primer AT 1600 at a consumption of 100 grams/m² are as follows:</p> <ul style="list-style-type: none"> - Recoatable : after 60-75 minutes and maximum within 8 hours at 20 °C - Fully cured : after 7 days at 20 °C 	
Colour – structure - gloss	Transparent – smooth - gloss	
Packaging	5 kg packaging	
Precautions	It is important to adhere to certain requirements when working with synthetic resins. It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing Sphere8 Primer AT 1600, especially in small, enclosed spaces, sufficient ventilation is recommended.	
Tools	Sphere8 Primer AT 1600 can be applied with: - roller	
Tool cleaning	Used tools can be cleaned with Sphere8 Acetone.	
Shelf life	<p>In the original, unopened packaging, stored in a dry place between 5 °C and 25 °C, Sphere8 Primer AT 1600 has a shelf life of at least 12 months.</p> <p>Note: Sphere8 Primer AT 1600 may not be stored or exposed to temperatures beneath 5 °C.</p> <p>Note: in time, a form of separation may occur. It is necessary to mix up the material to a 100% smooth, homogenous mass. When in doubt about the homogeneity and / or fineness, we advise to first pass the material through a sieve before further use. If the material can no longer be mixed up to a homogeneous, smooth mass, you can contact Sphere8 for advice.</p>	