



## THERMO CERAM – Façade coating

### Technical Description

<b>Product description :</b>	<p>ThermoCeram Protect is a diffusion open coating for outside use. It is ready for use. Its effects base on its thermo-ceramic character. It protects the insulation ability of the walls and provides energetic benefits. Best for protection of the building under extreme weather. It meets special demands for a long-term protection and colour firmness.</p>
<b>Extraordinary abilities:</b>	<p>It provides heat protection through extraordinary reflection capacity. Moisture, rain is kept out.</p>
<b>Good for Application on following surfaces:</b>	<p>It is best to be used on all kinds of plaster, concrete facade or any kind of cemented structure. To be sure of all effects it should be put on diffusion open surfaces.</p>
<b>Material ingredients :</b>	Micro-ceramic bubbles, synthetic polymer, pigments and fillers
<b>Trading unit:</b>	12,5 Liters
<b>Storage:</b>	<p>Store in original baskets cool and frost-free. If opened close it well for storage and use it soon.</p>
<b>Application advice:</b>	<p>Ready for use, it is advisable to add 5% water before stirring. It can be watered even more if dry climate conditio may demand it. It should not be mixed with other products. Stir well with a motor-stirrer. Repeat stirring after working interruptions. Used the first time, it is necessary to have two coatings in order to achieve the defined effects. It can be painted or rolled</p>
<b>Using Spraying device</b>	<p>It is good to be used with an airless spraying device; use blast pipe 0.019 under maximum of 110 bar. The filters, especially in the pistol, are to be changed more often than usual.</p>
<b>Effects are operative continuously:</b>	<p>10 years or longer; depends on stress for the façade. THERMO CERAM PROTECT provides a strong resistance against aggressive air pollution like ozon or smog. It is UV-light reflective, strong against erosion, high reflective and strong durable of pigmentation.</p>
<b>Colour</b>	Basic colour is white. It can be mixed with bright colours according to the NCS recipe of THERMO CERAM
<b>Viscosity and ph-value</b>	6.000 mPa s (Brookfield Rheometer) at 20°C; 10.8 ph-value



<b>Consumption</b>	About 300ml/m <sup>2</sup> with a thickness of dry coating of 0.25mm on a smooth not poring surface. Any other surface or degree of absorptivity may vary the amount of consumption. Stable consumption can be achieved through applying first ThermoCeram Basic primer. Best to check through a testpainting.
<b>Surface preparation:</b>	All surfaces need to be clean. Concrete and any other cementing surfaces should be prepared with THERMO CERAM BASIC. All that cannot bear a coating needs to be removed best with high-pressure water. All surfaces that are cleaned with acid needs to be neutralized of alkaline. Absorbing and chalking surfaces prepare with Thermo Basic primer. Rough surfaces prepare with structured coating
<b>Usage:</b>	THERMO CERAM PROTECT is ready to use.
<b>Temperature while using:</b>	5 – 25 °C surface temperature
<b>Drying :</b>	Between both layers need to be a drying time of 2 hours with the average of air temperature and moisture of 25°C/65%. Final drying time is at least 48hours. Protect in this time the surface from sand, dirt or any other pollution.
<b>Cleaning of tools:</b>	All tools need to be cleaned well with water. Using a spraying device needs to observe the advice of the manufacturer.
<b>Reparing and coating anew</b>	It can be recoated in case of pollution. Clean pollution if possible. Only one layer is needed.
<b>Cleaning of coated surface :</b>	Any dry dirty substance can be removed with a light wet cloth or dry with a broom.
<b>Safety measures:</b>	At transport keep barrel only upright. Even using paint without any hazardous ingredients it is a chemical and demands for the usual protection. While using do not eat, drink or smoke. Do not inhale spray. After contact with eyes or skin quickly cleaning with water. Do not pour into the ground. For more information see safety instructions
<b>Recycling :</b>	See safety instructions

### Important information:

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These technical information are written on the basis of the latest research and our experiences. All older instructions are no longer valid.

In view of the variety and complexity of surfaces and object conditions the user of THERMO CERAM PROTECT needs to test each condition according to professional standards.

In cases of all usage and application that is not under our control no liability can be applied from these data.