

ClimateCoating ThermoProtect

The ceramic filter

ClimateCoating ThermoProtect is a very effective finish for the exterior facade. It has a major, positive influence on determining factors in our indoor climate such as temperature and moisture, but also on the maintenance interval. The GREENGUARD GOLD certified ceramic filter is ultra thin, robust and elastic and available in any color.

ThermoProtect has a very matt appearance.



> Regulates temperature

The ceramic filter ensures that the heating costs and thus the CO2 emissions in the heating season decrease significantly and that the buildings are not overheated in the summer. The sunlight reflection in a white version goes towards 90% and in most dark colors still more than 50%. As a result, the energy costs for the air conditioning in the summer can be greatly reduced, because what is not heated does not need to be cooled.

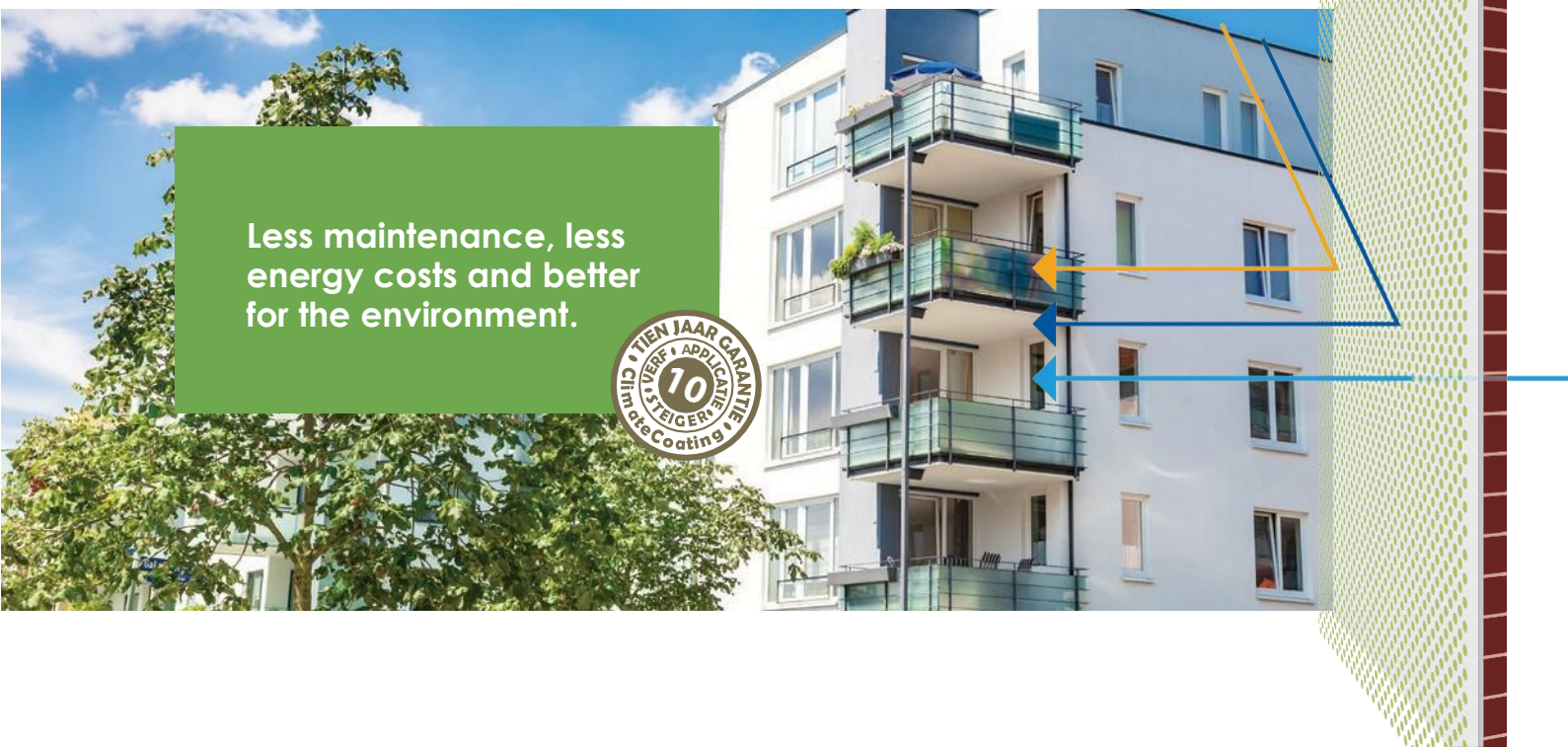
> Humidity control

The ceramic filter actively dehumidifies the facade, restoring the original insulation value. When it rains, the ceramic filter closes and ensures that moisture from outside cannot penetrate the building part. A decrease in the moisture percentage from 4 to 2%, under the influence of ThermoProtect, means an improvement of the insulation value by no less than 50%. Moreover, rainwater that does not penetrate into the walls does not extract heat from the wall and dry walls insulate better than damp walls. In addition, the dehumidifying effect deprives the breeding ground of fungi, algae and moss, so that they hardly develop on the facade.

Insured 10-year warranty on materials and labor (Europe)

ClimateCoating ThermoProtect provides long-term protection against influences such as UV-light, precipitation, smog, acids and salts. The robust and elastic ceramic filter does not become brittle and does not or hardly age. This prevents cracks in the filter. ClimateCoating ThermoProtect and History are the first energy-saving and CO2-reducing wall treatment products that can be included in a 10-year insured warranty: ClimateCoating Garant. The fact that this guarantee covers the material, the application and scaffolding equipment is absolutely unique.

Less maintenance, less energy costs and better for the environment.





The ceramic filter

In addition to ClimateCoating ThermoProtect, the ceramic filter for outdoor applications is also present in the History, Nature and StuccoTex products. The matrix below shows the ceramic filter properties in relation to the various products..

Scope	ThermoProtect	History	Nature	StuccoTex
Exterior facade (mineral and metal substrate)	●			●
Exterior facade (chalky substrate)		●		
Exterior facade (wood)			●	
Properties				
Option to insured warranty	●	●		
Energy saving	●	●	●	●
Moisture-regulating	●	●	●	●
Crack bridging	●	●	●	●
Increasing comfort	●	●	●	●
Fire retardant	●	●	●	●
Sunlight / heat reflection	●	●	●	●
Extending life	●	●	●	●
Dirt, moss and algae resistant	●	●	●	●
Matt appearance	●	●	●	●
Coarse grain (type of decorative plaster)				●
Water-based	●	●	●	●
In any color	●	●	●	●



Easy to apply

ThermoProtect is easy to apply. The structure of the ceramic filter is so fine that it looks like any wall paint. The ceramic filter can be applied with a fur roller or - for the professional - with a paint sprayer (airless or airmix); due to the low processing pressure, virtually no mist is produced.

ThermoProtect is suitable for both mineral and metal surfaces. The ceramic filter has excellent coverage and dries quickly.

The theoretical consumption of ThermoProtect is 1 liter on 6 m² per layer.

To do justice to all the special properties of this ceramic filter, 2 layers should be applied.



Caribbean Coating Solutions
info@caribbean-coating-solutions.com

Partners
 ClimateCoating Benelux BV, The Netherlands
 bpo caribbean nv, Aruba Bonaire & Curacao

