

## Protection as a standard

BioProtect formula applies to all Ceresit plasters and paints present on the market. The active substances are perfectly adjusted to each micro-organisms in the environment, to each type of product and its individual properties. No matter which Ceresit plasters or paints is used - facade remains clean and retains its aesthetic look for years.

Plasters			
Acrylic	CT 60	"stone" structure grain 1.5 mm grain 2.0 mm grain 2.5 mm	<ul style="list-style-type: none"> <li>• weather resistant • resistant to exploitation damages • low absorption and high flexibility</li> <li>• vapour permeable • BioProtect formula - resistant to mould, fungi and algae • colour stability • available in the full colour range of Ceresit Colours of Nature®</li> </ul>
	CT 63	"rustic" structure grain 3.0 mm	
	CT 64	"rustic" structure grain 2.0 mm	
Silicate-Silicone	CT 174	"stone" structure grain 1.5 mm grain 2.0 mm	<ul style="list-style-type: none"> <li>• vapour permeable (breathing) • low absorption • resistant to exploitation damages</li> <li>• highly weather resistant • BioProtect formula - resistant to mould, fungi and algae</li> <li>• colour stability • available in the full colour range of Ceresit Colours of Nature®</li> </ul>
	CT 175	"rustic" structure grain 2.0 mm	
Silicate	CT 72	"stone" structure grain 1.5 mm grain 2.5 mm	<ul style="list-style-type: none"> <li>• highly vapour permeable (breathing) • highly durable - resistant to exploitation damages and cleaning • highly weather resistant • BioProtect formula - highly resistant to mould, fungi and algae • colour stability • available in the full colour range of Ceresit Colours of Nature®</li> </ul>
	CT 73	"rustic" structure grain 2.0 mm	
Silicone	CT 74	"stone" structure grain 1.5 mm grain 2.5 mm	<ul style="list-style-type: none"> <li>• high durability with self-cleaning effect • high flexibility and impact resistance</li> <li>• high colour stability • very limited absorption and high vapour permeability</li> <li>• highly weather resistant • BioProtect formula - resistant to mould, fungi and algae</li> <li>• available in the full colour range of Ceresit Colours of Nature®</li> </ul>
	CT 75	"rustic" structure grain 2.0 mm	
Mosaic	CT 77	grain 0.8 - 1.2 mm grain 1.4 - 2.0 mm	<ul style="list-style-type: none"> <li>• durable &amp; scrub resistant • weather resistant • easy to clean • available in many colour compositions</li> </ul>

Paints			
Acrylic	CT 42	<ul style="list-style-type: none"> <li>• low absorption • resistant to exploitation damages • weather resistant • BioProtect formula - resistant to mould, fungi and algae • available in the full colour range of Ceresit Colours of Nature®</li> </ul>	
	CT 44	<ul style="list-style-type: none"> <li>• reduce carbonatization process of concrete • crack bridging • low absorption and high flexibility</li> <li>• resistant to exploitation damages • weather resistant • BioProtect formula - resistant to mould, fungi and algae</li> <li>• available in the full colour range of Ceresit Colours of Nature®</li> </ul>	
Silicate	CT 54	<ul style="list-style-type: none"> <li>• highly vapour permeable (breathing) • highly durable - resistant to exploitation damages and cleaning</li> <li>• weather resistant • BioProtect formula - highly resistant to mould, fungi and algae • available in the full colour range of Ceresit Colours of Nature®</li> </ul>	
Silicone	CT 48	<ul style="list-style-type: none"> <li>• low absorption • vapour permeable (breathing) • dirt resistance • durable • high UV and weather resistance</li> <li>• BioProtect formula - resistant to mould, fungi and algae</li> </ul>	
Nanosilicone	CT 49 Silix XD®	<ul style="list-style-type: none"> <li>• slight absorbance • excellent vapour permeability • self-cleaning (especially resistant to dirt) • high durability thanks to the Silix XD® formula • crack-bridging • highly resistant to UV and weather conditions • ticsotropic</li> <li>• for use in areas open for biological contamination (fungi, algae, etc.)</li> </ul>	



## Plasters and paints with BioProtect formula Durability and aesthetics for years

BioProtect formula is an effective and long-lasting facade protection against microbiological corrosion caused by the growth of fungi and algae. With the BioProtect formula, a facade remains durable and retains its aesthetic appearance for many years.

## Protection and aesthetics

The dusty and neglected facades of buildings are usually the result of excessive atmospheric pollution, human activities and their interference with the environment. Dirty-gray precipitation often appear on the surface of buildings walls. This is already the result of the development of microorganisms - fungi and algae - which are invisible to the human eye.

Microorganisms can only grow in specific conditions favorable to them. Unprotected plaster is exposed to their action and beyond the negative impact on the aesthetics of the facade, also entails the danger of its inevitable degradation.

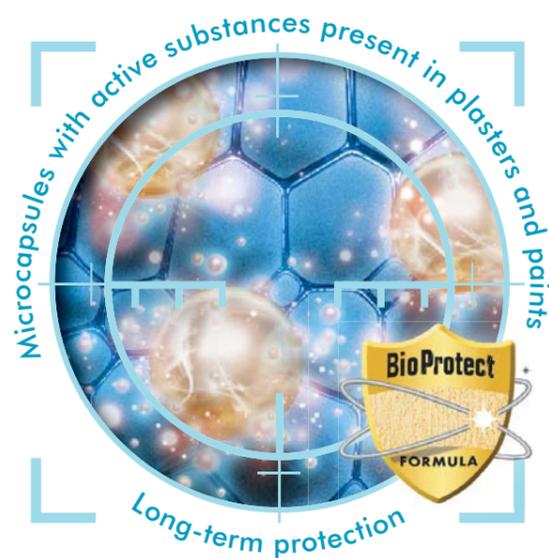
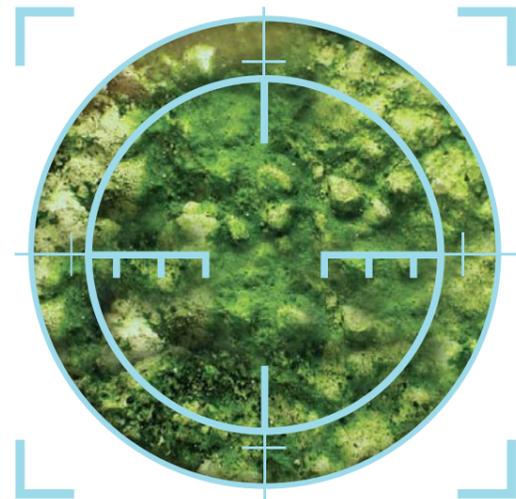
The use of Ceresit plasters and paints with the **BioProtect** formula on the building facades protects elevations for many years and helps to maintain their aesthetics. Active substances existing in the products actively protect the facades against the development of microorganisms and their destructive influence. The durable and beautiful appearance remains pleasing to the eye for years. The effectiveness of the **BioProtect** formula products was confirmed by the appropriate permission of the Minister of Health.



Unsecured plaster with biological contamination. Dirty and unaesthetic facade.



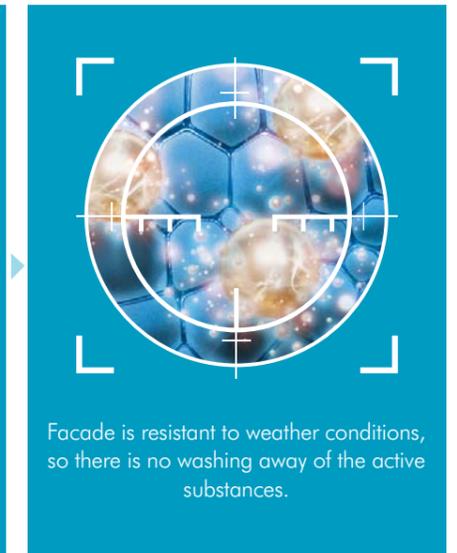
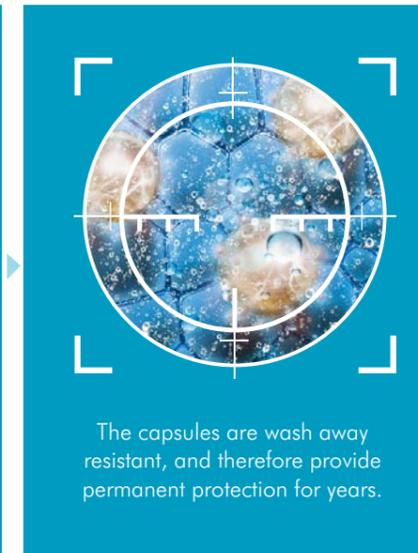
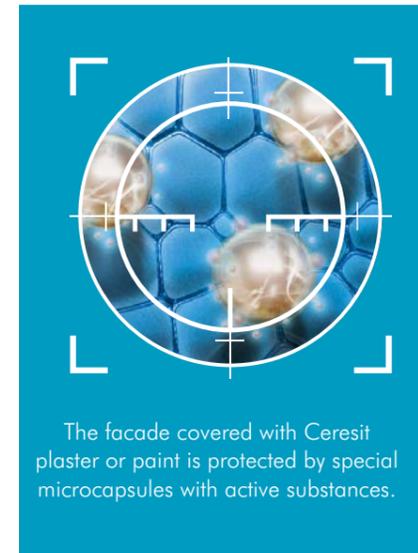
Ceresit plaster with BioProtect formula. Durable and aesthetic facade.



## How does it work?

**BioProtect** formula works by employing microcapsules with active substances present in Ceresit plasters and paints.

Active substances, enclosed in the microcapsules, have a high resistance to being washed off, which in turn leads to a gradual substance release and works effectively in changing weather conditions. The active substances are released in a controlled manner for many years. This means that Ceresit products significantly extend the facade durability.



## Additional protection

Ceresit plasters and paints also have antistatic properties, obtained through the **Anti Dirt Pick-up** effect, which protects the surface against the excessive deposition of pollutants. On the surface of the plasters and paints settles less pollution, so the facade is not proper environment for the development of fungi and algae.

## Ecology and safety

The process of the gradual release of active substances is fully ecological. The form and character of microcapsules, with the active substances, is developed in such a way as not to affect the soil or sources of the drinking water. The safety of their use was confirmed by the appropriate permission of the Minister of Health. This also means that the active substances release process is completely safe for humans, animals, and the environment.

