While the style and formulation of exterior facade coatings might differ all around the world, the challenges of protecting buildings against environmental impact seem to be universal.

Currently the application of facade paints relies heavily on the weather as wet coatings with long drying times are more vulnerable to water and dirt.

With the challenges of more unpredictable and extreme weather conditions due to climate change as well as regulatory requirements in mind, EVONIK has developed TEGO® Guard 9000.

The use of TEGO® Guard 9000 broadens the application conditions of exterior paint formulations, by improving the stabilization of the paint ingredients directly after the application. This is achieved by an electrostatic interaction between a cationic organic polymer and the anionic paint components, therefore providing an early rain resistance, the so called ‘quick set property’. It can be used universally in terms of binder chemistry, paints PVC and coloristic properties as well as being suitable for ecolabel compliant paint formulations.

TEGO® Guard 9000 is our solution to protecting your paint from the moment of application, hence defining the future with more durable exterior coatings.

TEGO® Guard 9000

- Perfect quick set properties
- Excellent early rain resistance
- For a broad range of PVCs
- For all kinds of exterior wall paints

Early protection of freshly painted houses by improved quick set properties

Exterior wall paint with high PVC (76 %), blank  
Exterior wall paint with TEGO® Guard 9000

Click here for more information!
Rain resistance of exterior wall paint

Exterior wall paint with high PVC (76%) develops a comparable rain resistance to the TEGO® Guard 9000 after 3 h drying at high humidity and low temperature (8°C, 80% rH)

Without TEGO® Guard 9000

<table>
<thead>
<tr>
<th>Time</th>
<th>Photograph</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 min</td>
<td><img src="image1" alt="Image" /></td>
</tr>
<tr>
<td>120 min</td>
<td><img src="image2" alt="Image" /></td>
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<tr>
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<tr>
<td>20 min</td>
<td><img src="image5" alt="Image" /></td>
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</tbody>
</table>

With TEGO® Guard 9000

20 min

Rain resistance improves by almost 3 hours

TEGO® Guard 9000 delivers more than drying time accelerator

SUSTAINABILITY

Customer and environmentally friendly labeling of the product. Use in ecolabel compliant paint formulations.

FORMULATION STABILITY

Stable viscosity of the paint formulation from the moment of addition until end of the shelf life.

UNIVERSALITY

Independent use in terms of binder chemistry, paints PVC and coloristic properties.

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