



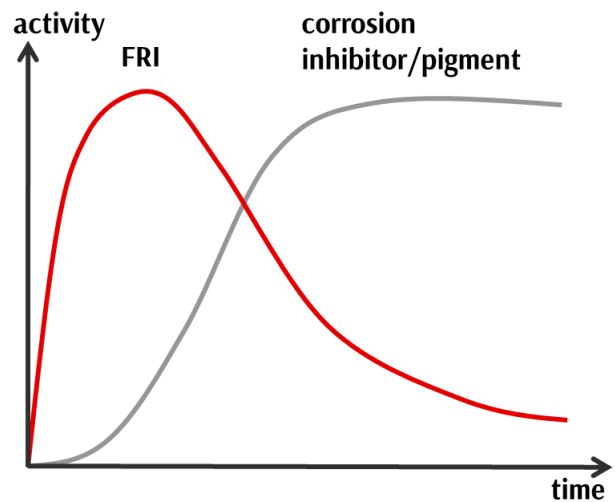
Habikor[®] FRI

Flash rust inhibitors

Habikor® FRI – Flash Rust Inhibitors

Flash rust occurs quickly at the early stages of paint application and drying in water-based coatings. Most of the time, the corrosion products are soluble and capable of migrating within the coating and result in stains or spots. Therefore flash rust inhibitors are added to water-based coatings to suppress corrosion during the drying process.

In addition to our Habikor® anticorrosive pigments we offer liquid Habikor® FRI products to prevent your finish from flash rust.



Key benefits

- high efficiency at low dosage
- easy to use
- can be incorporated at any stage of production of paint
- low odor
- no thickening effect
- suitable for high gloss application
- does not support foam formation
- no negative impact on the efficiency of the long term corrosion inhibitor
- very good compatibility
- high storage stability
- neutral colour
- VOC free



	Habikor® FRI 1000	Habikor® FRI 1001
Density [g/cm ³]	1.1	1.1
pH-Value	~ 9	~ 10
Inhibitor load: w/w [%]	0.2 – 2.0	0.2 – 2.0

Corrosion inhibitors protect your products by deferring corrosion

Habikor® FRI additives are liquid flash rust inhibitors designed to use in aqueous paint applications.

These additives are effective in any aqueous product which has direct contact to unprotected steel surfaces.

The liquid, almost odorless, easy to use inhibitors demonstrate an excellent flash rust inhibiting performance on various steel substrates.

Habikor® FRI additives do not negatively influence the performance of anti-corrosive pigments.

Habikor® FRI 1001

A liquid, highly efficient, **nitrite-free** additive, ideal to formulate environmental friendly water-based primers and DTM paints.

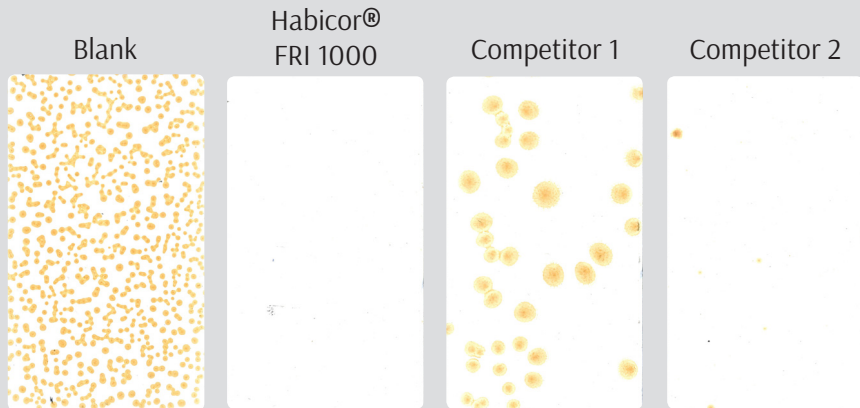
Habikor® FRI 1000

A highly effective conventional, VOC free liquid flash rust inhibitor.

These flash rust inhibitors can be incorporated at any stage of the production of water-based paints.

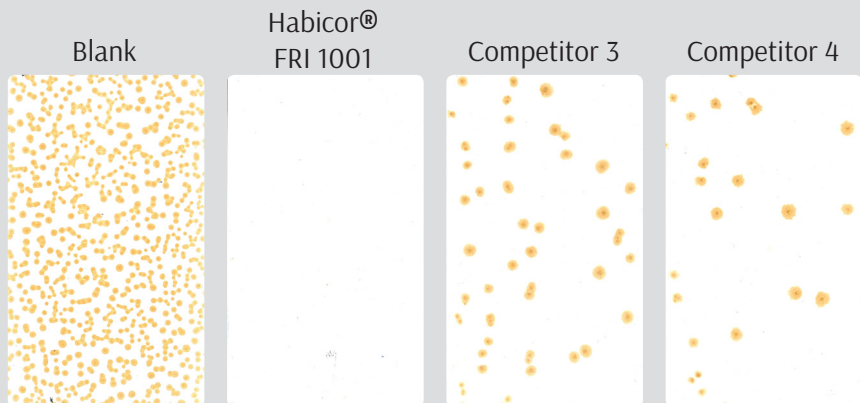
Habikor® FRI 1000

- 0.2 % flash rust inhibitor by total formular weight
- DFT: 60 µm
- water based 1 K acrylic primer system
- Test: 20°C, 50 % humidity,
- Substrate: Cold rolled steel panels



Habikor® FRI 1001

- 0.2 % flash rust inhibitor by total formular weight
- DFT: 60 µm
- water based 1 K acrylic primer system
- Test: 20°C, 50 % humidity
- Substrate: Cold rolled steel panels



Habikor® FRI

Flash rust inhibitors

Habich supports your creativity


Habich GmbH is a globally recognized manufacturer of special inorganic pigments. Our product portfolio includes, inorganic coloured pigments, coloured pigment preparations and a broad range of inorganic corrosion protection pigments, flash rust inhibitors, pigment slurries and pigment pastes.


As a 6th generation Austrian family owned business we are known for reliability and sustainability in our business relationships. For more than 170 years, customer satisfaction and customer success have been our main objectives. We provide flexibility and a high degree of innovative strength.

Because of our highly motivated, chemically and technically trained employees we also can offer tailor made solutions to meet the needs of our customers.



Habich GmbH
Weitenegg 5 | 3652 Leiben | Austria

+43 27 52 714 72 

+43 27 52 714 18 

habich@habich.com 

www.habich.com

