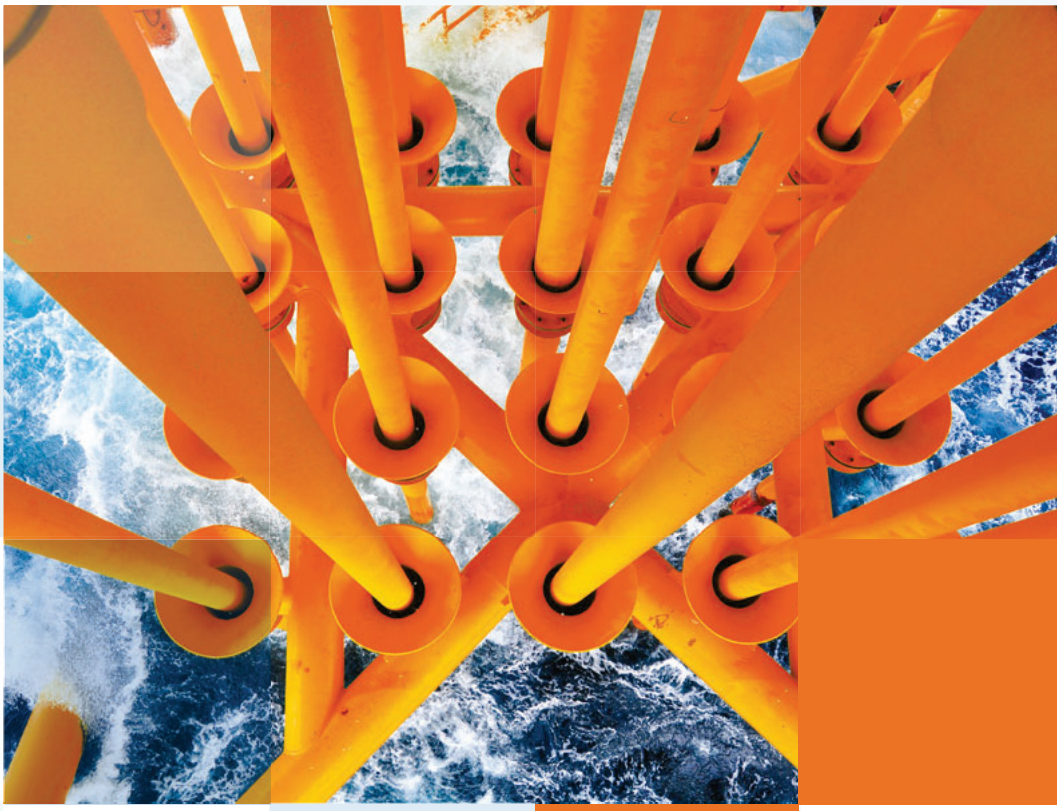
ANTICORROSION
ADDITIVES

ASCOTRAN®

FLASH-RUST / IN-CAN PROTECTION



ASCOTEC

YOUR KEY PARTNER FOR ANTICORROSION

ASCOTRAN®

ELIMINATE FLASH-RUST AND PRESERVE FILM WATER-RESISTANCE

Whatever the field is, Construction, Do-it-yourself or Industry, waterborne coatings are widely developed to meet new VOC and regulatory requirements.

Everytime a waterborne coating is applied on metal, flash-rust phenomenon, which is immediate corrosion of metal substrates, is of concern.

In order to meet this new demand, **ASCOTEC** has developed a complete range of flash-rust inhibitors **ASCOTRAN®**. They are effective in many different situations, whatever the substrate that needs to be protected on the nature of the coating may be.

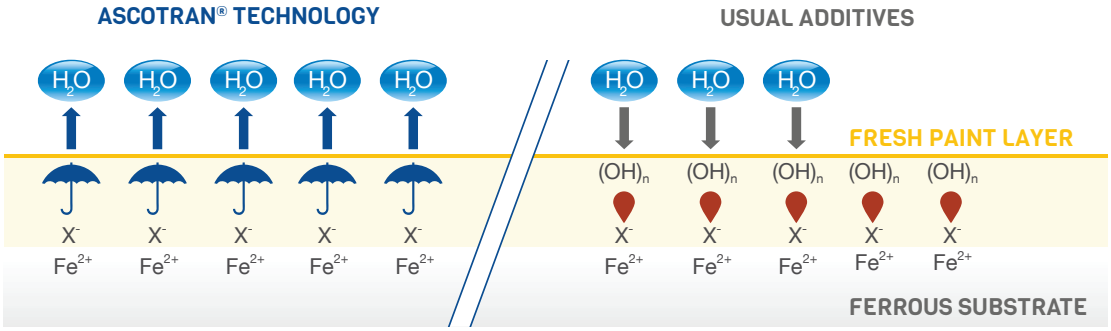
FLASH-RUST INHIBITORS

A COMPLETE RANGE OF FLASH-RUST INHIBITORS

Ready-to-use liquids, **ASCOTRAN®** are high film-forming additives and are immediately adsorbed onto the metal surface.

Compatible with the main resin combinations used for the water-based formulation, their properties remain the same. Their use dosages are very low.

Whereas usual flash-rust inhibitors reduce coatings water-resistance, the **ASCOTRAN®** technology combines excellent antiflash-rust performance with hydrophobic properties.

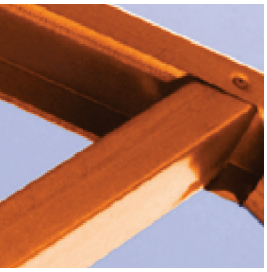


ASCOTRAN® KEY BENEFITS

- Ecolabel compliant
- VOC-free
- Provide in-can protection
- Easy to incorporate
- Preserve film water-resistance
- Multi-Metallic protection
- Cost-effective
- Low use dosages

THE RANGE

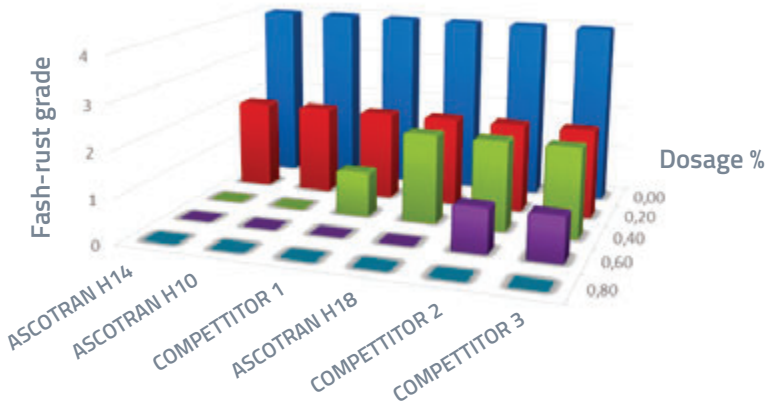
	Specificities
ASCOTRAN®- **H10**	The most universal.
ASCOTRAN®- **H14**	Multi-metal substrates. High water-resistance properties.
ASCOTRAN®- **H17**	For very sensitive to flash-rust substrates.
ASCOTRAN®- **H18**	High compatibility level, including into 2K systems.
ASCOTRAN®- **AL4**	Multi-metal substrates. Nitrite-free.
ASCOTRAN®- **HPB**	Complies with most international & national standards for eco-friendly labels.



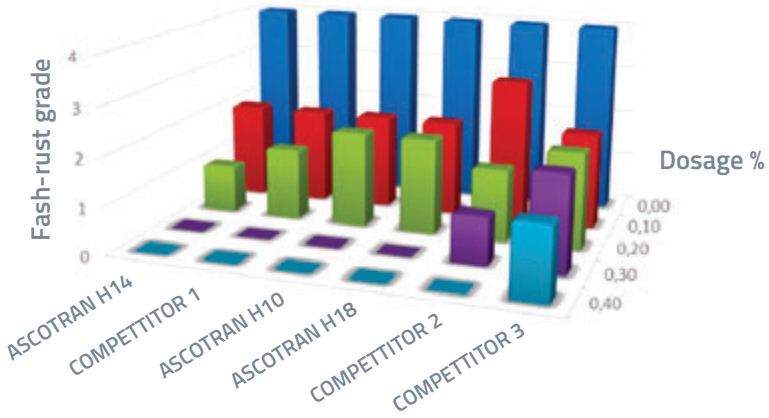
ANTIFLASH-RUST PERFORMANCE

ASCOTRAN® additives provide highest levels of flash-rust inhibition, at low use dosages, and then compete with high nitrite-containing additives. When the film dries under severe humidity conditions, they perform better than most usual flash-rust inhibitors.

Flash-rust comparative* test into a 1K Waterborne Acrylic DTM
Under **normal** drying conditions, DFT 60µm



Flash-rust comparative* test into a 2K Waterborne Epoxy DTM
Under **severe** drying conditions, DFT 50µm



* COMPETITORS 1, 2 and 3 are high nitrite-content additives.

PRESERVE FILM WATER RESISTANCE

Whereas usual flash-rust inhibitors reduce coatings water-resistance, the **ASCOTRAN®** technology combines excellent antiflash-rust performance with hydrophobic properties.

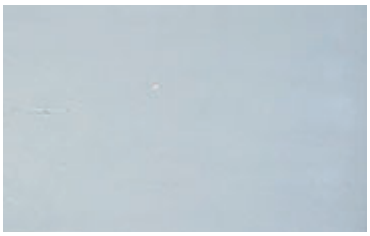
WB 2K EPOXY PRIMER
ASTM D870 (40°C) 250H, DFT 70 µm, CRS
Dosage in Flash-Rust Inhibitor : 0,5%

ASCOTRAN® H14

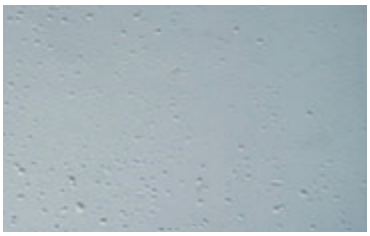
COMPETITOR
(Nitrite-containing)

Sodium Nitrite, Sol. 15%

WB 2K ZINC-RICH EPOXY PRIMER
ASTM D4585 (50°C) 750H, DFT 50 µm, CRS
Dosage in Flash-Rust Inhibitor : 0,5%



ASCOTRAN® H18



COMPETITOR
(Nitrite-containing)

Sodium Nitrite, Sol. 15%

PACKAGING PROTECTION

Coatings can be highly corrosive and can cause, in most cases, corrosion of metallic cans which contain them. **ASCOTRAN®** flash-rust inhibitors also provide in-can protection.

IN-CAN PROTECTION

Examples of corrosion tests without/with ASCOTRAN®

Wall-paint

Waterborne wood varnish

ASCOTEC

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