

Wear resistance	High
Flexibility	Very high
Compressive strength	High
Adhesion	Very high
Temperature tolerance	Medium
Colour fastness	Medium

HI EP Flex Coat

HI EP Flex Coat has been especially developed for laying reliable escape routes in terms of service life, the prevention of crack formation, brightness and anti-skid properties.

The system is approved to the NORSOK standard.

NORSOK sets stringent requirements for escape routes, including for colour, anti-skid properties and chemical resistance. HI EP Flex Coat satisfies all NORSOK requirements and its excellent flexibility ensures a crack-free surface and a long service life.

Area of use

HI EP Flex Coat is largely used for escape routes offshore and on ships. The system can be applied as a self-levelling coat or as a slurry. Depending on the loads to which it will be exposed, HI EP Flex Coat is applied in different thicknesses.

Advantages

- Approved to NORSOK
- No emission of diisocyanates in the case of fire
- Wear resistant
- Can withstand heavy loads
- Safe in terms of service life and anti-skid properties
- Provides very good corrosion protection

Standard colours [exact match not guaranteed]

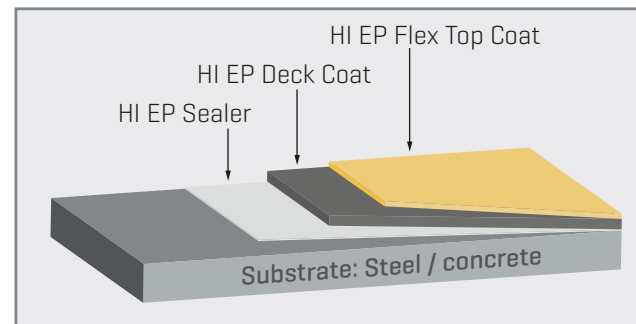
RAL 1021

RAL 1023

System design

Solvent-free epoxy system

- Substrate** Steel or concrete
- Primer** HI EP Sealer
- Mid coat** HI EP Deck Coat
+ quartz sand [optional]
- Top coat** HI EP Flex Top Coat



Additives

Quartz sand Sand can be added to the mid coat to produce a slurry coat that provides height, extra wear resistance and improved anti-skid properties.

Aluminium oxide Added to the top coat to produce even better skid resistance.



HI EP Flex Coat is suitable as a mid coat on all difficult steel substrates in which there is movement, or that are exposed to varying loads or wide temperature fluctuations.

HI EP Flex Coat was developed in the early 1990s on the basis of a number of complaints to do with cracking in conventional flooring.

HI was already marketing HI EP Deck Coat for general use on decks. This product was developed to make it more flexible with regards to absorbing stresses in the steel and to prevent the formation of cracks as a result of adhesion failure.

The system thus provides long-term corrosion protection and wear resistance.