

High-build levelling



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

HI EP Floor Screed

HI EP Floor Screed is a special floor levelling system for steel substrates, developed for offshore installations and ships.

HI EP Floor Screed is approved to NORSOK.

HI EP Floor Screed is designed to absorb substrate stresses, even in thick coatings. This means that considerable height differences and unevenness can be levelled out without any danger of crack formation.

The system can be built up to an unlimited thickness in layers of up to 50 mm per coat. HI EP Floor Screed is, at the same time, very resistant to wear and has good compressive strength.

HI EP Floor Screed can also be laid at a gradient over long distances.

Area of use

HI EP Floor Screed is used for both interior and exterior spaces. In thick layers, HI EP Floor Screed is not appropriate for use in areas exposed to heavy loads.

Advantages

- No emission of diisocyanates in case of fire
- Wear resistant
- Can withstand heavy loads (up to a certain thickness)
- Provides very good corrosion protection

Standard colours [exact match not guaranteed]

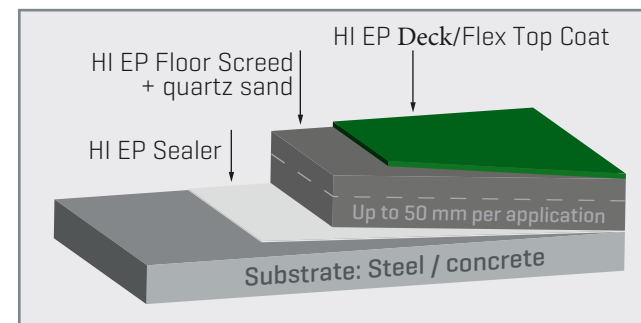
RAL 1021	RAL 5015	RAL 6001	RAL 6002
RAL 6029	RAL 7036	RAL 7038	RAL 7040



System design

Solvent-free epoxy system

- Substrate** Steel or concrete
- Primer** HI EP Sealer
- Mid coat** HI EP Floor Screed + quartz sand
(unlimited thickness, 50 mm per application)
- Top coat** HI EP Deck Top Coat / HI EP Flex Top Coat



Additives

Quartz sand Sand is added to the mid coat to produce a slurry coat that provides height, extra wear resistance (up to a certain height) and improved anti-skid properties.

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