

Technical Data Sheet

Date July 2014
Replaces Jan 2010



Protective finishes, Heavy Duty summary

GENERAL DESCRIPTION:

A range of specialist coatings, laminates and toppings to protect concrete in aggressive environments.

SUGGESTED USES:

- Food storage and processing plant.
- Chemical storage and bund areas.
- Sewage & wastewater facilities for liquid protection and gas-phase (Hydrogen Sulphide) protection.
- Brine and chemical tanks.
- Chemical processing areas.
- Pharmaceutical filling and processing areas.
- Hygiene areas.

	Description	Type	Thickness	Relative Performance Durability #1
Situclad EHD	Heavy duty epoxy coating and fiberglass wall liner	Fiberglass laminate	1.5 mm	5
Situclad VE	Heavy duty vinyl ester coating and fiberglass wall liner	Fiberglass laminate	1.5 mm	7
Situclad VE GF	Glass flake filled topcoat vinyl ester system for maximum chemical resistance.	Fiberglass laminate (only used as a finishing topcoat).	0.3 mm 1.8mm as Situclad VE plus GF	8 (as GF over VE)
Surechem VE	Heavy duty vinyl ester trowelled topping	Trowelled topping	6mm	9 10 (as GF over VE)
K20 CRS	Heavy duty epoxy trowelled topping	Trowelled topping. Smooth coloured epoxy finish.	3mm nominal but can do more or less.	8

#1 Rating 10 is very high performance with the longest durability (but determined by exposure type, concentration & temperature).

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	Used for
Situclad EHD	New work for protecting smooth concrete tank walls or forming tank liners or protecting from chemicals. Also for renovation. No odour
Situclad VE	New work for protecting smooth concrete tank walls or forming tank liners or protecting from chemicals. Also for renovation.
Situclad VE GF	Only uses as overfinish over Situclad or Surechem VE.
Surechem VE	New work for protecting tank walls or forming tank liners or protecting from chemicals. This is by trowelling on a thick topping. Also for renovation. It will fill eroded concrete and create nibs, coves, fillets and smooth radiused corners. It will fix rough eroded concrete to create a new smooth finish.
K20 CRS	New work for protecting tank walls or forming tank liners or protecting from chemicals. This is by trowelling on a thick topping. Also for renovation. It will fill eroded concrete and create nibs, coves, fillets and smooth radiused corners. It will fix rough eroded concrete to create a new smooth finish. No odour

Floors

See also: Sureshield, Nuthane, Supascreed Surecote 200, Terratuff

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