

# Ceilcote 242/242HT Flakeline

## High performance vinyl esters

Whatever your needs it is essential your chosen products offer corrosion protection and chemical resistance and are readily available to meet all application situations.

The Ceilcote® range of vinyl ester coatings offers proven performance, broad spectrum resistance to a variety of chemicals and are available in a variety of different grades suitable for application in all situations.

- High solids vinyl ester systems for use on steel or concrete
- Excellent resistance to a broad range of chemicals including organic acids and many solvents
- Formulated with lamellar flake fillers for maximum permeation resistance
- Available in a variety of standard grades for application by trowel, brush, roller and airless spray
- Lining and mat reinforced grades available for additional protection
- System versatility allows a flexible tailored approach to any type of application situation
- Typical application areas:
  - Seawater flue gas desulphurisation (FGD) absorber units
  - FGD Auxillary tanks
  - Process water storage tanks
  - Secondary containment areas
- Can be used in conjunction with a non slip aggregate for secondary containment areas
- Tested exclusively to ensure superior performance



# Plant structures such as tanks, pits, trenches and secondary containment often require flexible application properties in addition to excellent performance

Ceilcote's range of vinyl ester products cover a wide variety of chemical environments and substrate conditions.

Ceilcote® offer a choice of standard vinyl ester coatings, each one designed to give the best protection of any material of its type.

**Ceilcote® 242** offers impressive resistance across a very wide range of cargoes and its lamellar fillers combine excellent application properties with cost effective performance.

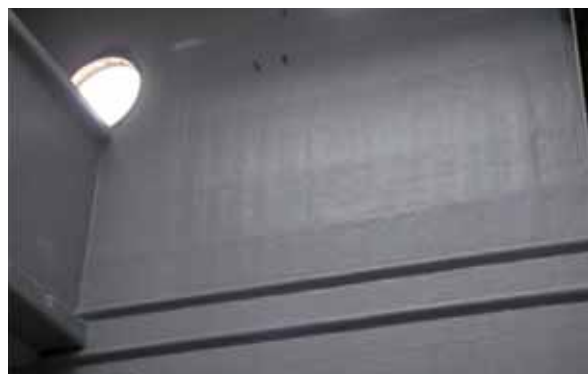
**Ceilcote® 242HT** incorporates the addition of glass flake to further improve permeation resistance. Designed primarily for use in oil/hydrocarbon mixtures the product has been specially formulated for airless spray applications.

**Ceilcote® 242AR Flakeline** is formulated with abrasion resistant ceramic fillers to give an extra dimension to the product range. This product can be used extensively where liquids and solids combine to form highly abrasive slurries.

**Ceilcote® 652 Lining** is a heavy-duty lining that protects steel and concrete in immersion service from strong chemicals. Resistant to most dilute inorganic acids, and some concentrated acids as well as alkalis and many organic chemicals.



Concrete seawater FGD



Completed Ceilcote® 242 Flakeline installation

Whilst the coatings above form the core of the range, a variety of ancillary products formulated from the same high performance resins are also available.

**Ceilcote® 140 Flakeline** trowel applied coating utilises larger glass flake particles for higher performance and may also be used for filling pitted steel prior to coating with the above products.

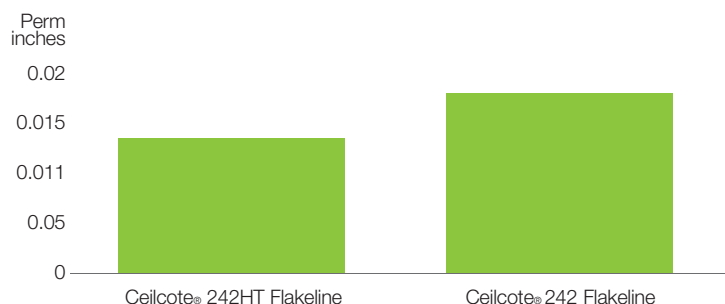
**Ceilcote® 6640** creates a trowellable material which is easily applied for the remediation and protection of concrete surfaces.

**Ceilcote® 242/242HT/242AR** linings systems use a layer of reinforcing mat to provide additional protection and limited crack bridging resistance.

**Ceilcote® 242/242HT/242AR MR** system combines the best of the range, combining the trowel applied 6640 with any of the coating grades giving a chemically resistant system which is also able to offer resistance to crack-bridging in concrete substrates.

**Ceilcote® 242/242AR/242HT Ceilcote** utilises an elastomeric epoxy basecoat to provide additional crack bridging up to a maximum crack width of 1mm (1/32").

## Relative moisture permeability



## Typical values

Tensile strength*	17 - 29 MPa (2,500 psi - 3,000 psi)
Moisture permeability*	0.020 perm cm (0.012 perm inches)

## Service temperature limits

Dry	177°C (350°F)
Immersion	60°C (144°F)

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