

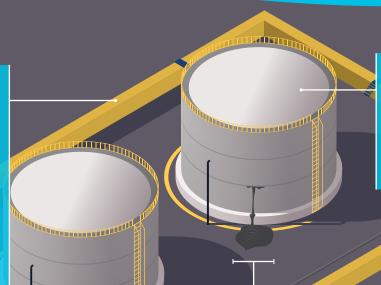
90+ Years of helping your assets resist chemical attack

Excellent chemical resistance gives you reassurance that dangerous chemicals are safely stored and not a threat to the environment or health & safety.

- Whether on concrete or steel; primary or secondary containment, International protective coatings has a solution for your needs
- Low VOC linings help you meet environmental legislation
- Long service life reduces repeat applications

Secondary containment

(also known as bunds)
These are areas around
primary containments to
prevent any leakage from
the primary containment
spreading uncontroled into
the wider environment.
Exposure to chemicals is
therefore not planned to
be long-term with many
local regulations specifying
maximum exposure
durations of 72 hours before
clean-up must take place.



Primary containment

Typically a storage tank, process vessel or sump where chemicals are in continuous long-term contact with the substrate.

Considerations when selecting a lining

Substrate

- ⇒ Is it metallic or cementitious?
- Does it require filling or reinforcement?

Reinforcement (concrete) – allows the lining to bridge cracks which appear after the linings has been applied)

Filling – creates a smooth and even surface on to which lining can be applied at the specified thickness.

Cargo

- Chemicals and concentrations
- Temperature (service & design)
- ⇒ Required service life
- Excursions from normal service (cleaning etc)

рΗ	range

		p90
	Ultra acidic	< 3.5
		3.5-4.4
		4.5-5.0
	Strongly acidic	5.1-5.5
	Moderately acidic	5.6-6.0
	Slightly acidic	6.1-6.5
	Neutral	6.6-7.3
	Slightly alkaline	7.4-7.8
	Moderately alkaline	7.9-8.4
	strongly alkaline	8.5-9.0
	Very strongly alkaline	> 9.0