



# POLYCHEM Corrosive Cabinets

Non-Metal, Lockable Self-Closing Doors



## POLYCHEM Corrosive Cabinets

### Non-Metal, Lockable Self-Closing Doors

Our POLYCHEM Corrosive Cabinets, designed by Westlab, bring an elevated level of safety and convenience for the storage of corrosive chemicals.

Featuring an innovative design that incorporates the Gratnells storage tray system, these cabinets ensure the secure handling of chemicals while optimising storage capacity. The Gratnells trays, easily repositionable using the cabinet's built-in rails, enhance the flexibility of the storage configuration.

The corrosive cabinets are available in three different versions: 40L, 80L, and 180L. The 40L variant consists of a single compartment, while the 80L and 180L models feature two fully isolated compartments (left and right). The dual compartments ensure a dedicated space for different chemical types, with a thoughtful division into top and bottom sections within each main compartment to minimise exposure to fumes and gases. Enhancing safety measures, drainage cavities are integrated to effectively contain any potential spillages within the sump of each compartment.

Manufactured in Australia, these metal-free cabinets boast lockable self-closing doors, ensuring secure containment, and are fully compliant with Australian Standards AS3780.

### Product Features

- High Density Polyethylene (HDPE) Cabinets
- Manufactured In Australia & United Kingdom
- Built-In Lateral Rails for Gratnells Trays or HDPE Shelves
- Heavily Tested for Corrosive Chemical Resistance
- Polypropylene (PP) Gratnells Trays
- Australian Standards Compliant
- Self-Closing Lockable Doors
- Fabricated & Fully Welded

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## Product Specifications

Type	Corrosive Cabinets
Diamond Label	Class 8 Corrosive Substances

### Cabinet Information

Material	High-Density Polyethylene (HDPE)
Door Type	Self-closing, lockable doors for preventing unauthorised access and chemical containment.
Country of Origin	Australia
Standards Conformity	AS3780:2023
Manufacturer's Warranty	2 Years

### Tray Information

Material	Polypropylene (PP)
Load Capacity	5 kg
Tray Dimensions, F01 Shallow	312mm W x 427mm D x 75mm H
Tray Dimensions, F02 Deep	312mm W x 427mm D x 150mm H
Tray Dimensions, F25 Extra Deep	312mm W x 430mm D x 225mm H
Tray Dimensions, F03 Jumbo	312mm W x 430mm D x 300mm H
Country of Origin	Portugal
Manufacturer's Warranty	5 Years

#### Australia

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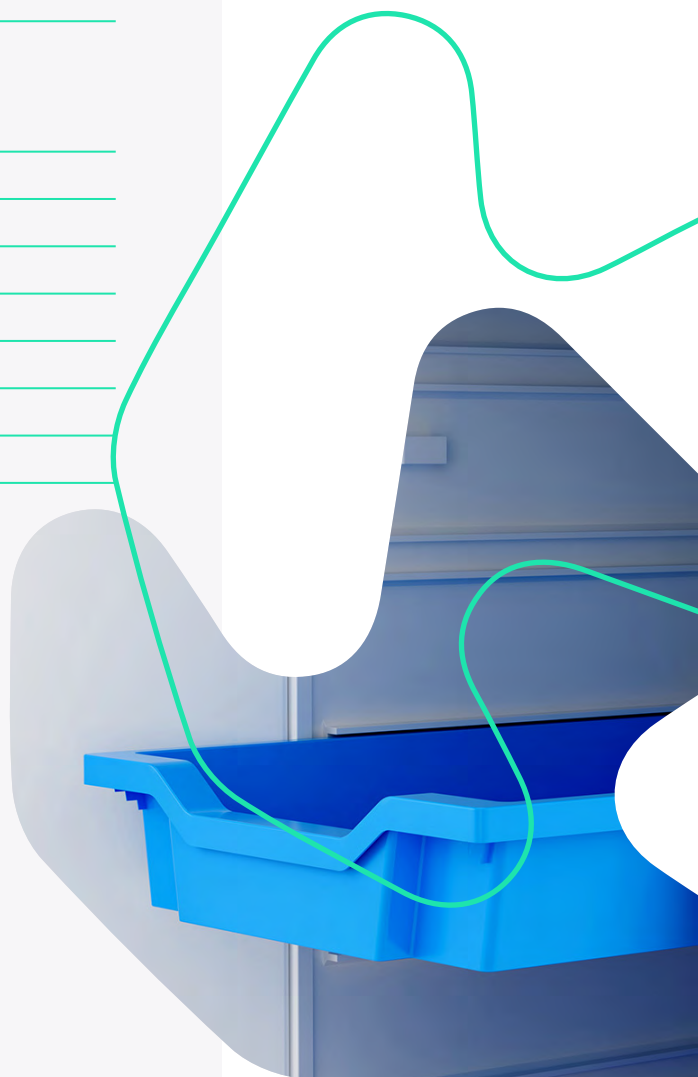
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## Bundled Configurations

### 40L Cabinet & Accessories

Code	664-175	
Description	POLYCHEM Corrosive 40L Cabinet & Accessories Set	
Unit Capacity	40L	
Number of Compartments	1	
Compartment Dimensions	320mm W x 420mm D x 800mm H	
Unit Dimensions	474mm W x 365mm D x 830mm H	
Unit Weight	35 kg	
This bundle includes		
Code	Title	Qty
	POLYCHEM Corrosive Cabinet Only, 40L	1
	GRATNELLS Shallow Tray, F01	1
	GRATNELLS Deep Tray, F02	1
	POLYCHEM Vent Flange	1



### 80L Cabinet & Accessories

Code	664-176	
Description	POLYCHEM Corrosive 80L Cabinet & Accessories Set	
Unit Capacity	80L	
Number of Compartments	2	
Compartment Dimensions	320mm W x 420mm D x 800mm H	
Unit Dimensions	705mm W x 475mm D x 830mm H	
Unit Weight	75 kg	
This bundle includes		
Code	Title	Qty
	POLYCHEM Corrosive Cabinet Only, 80L	1
	GRATNELLS Shallow Tray, F01	2
	GRATNELLS Deep Tray, F02	2
	POLYCHEM Vent Flange	1



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## Bundled Configurations

### 180L Cabinet & Accessories

<b>Code</b>	<b>664-177</b>
<b>Description</b>	POLYCHEM Corrosive 180L Cabinet & Accessories Set
<b>Unit Capacity</b>	180L
<b>Number of Compartments</b>	4
<b>Compartment Dimensions</b>	Top Compartments - 320mm W x 435mm D x 830mm H Bottom Compartments – 320mm W x 435mm D x 830mm H
<b>Unit Dimensions</b>	705mm W x 490mm D x 1850mm H
<b>Unit Weight</b>	150 kg

#### This bundle includes

Code	Title	Qty
POLYCHEM Corrosive Cabinet Only, 180L		1
GRATNELLS Shallow Tray, F01		4
GRATNELLS Deep Tray, F02		4
POLYCHEM Vent Flange		2



## Class 8 Corrosive Substances

Class 8 Corrosive Substances possess the potential to inflict severe damage through chemical action upon contact with living tissue. In the event of leakage, these substances can significantly harm or even destroy other goods or transportation means. Acids and bases, falling under this classification, should be stored separately to prevent adverse reactions.

According to the Australian Dangerous Goods Code, Class 8 Dangerous Goods are identified as 'corrosive substances.' These materials can cause extensive damage to various materials, including metal, stone, and human flesh, due to their corrosive nature. Given their potential to cause harm to people and property, it is imperative to store and handle corrosive substances in a safe and compliant manner.

The guidelines for the safe storage and handling of corrosive substances are outlined in AS3780 - the storage and handling of corrosive substances.

### Indoor Corrosive Storage

For indoor storage, a compliant chemical storage cabinet is recommended, featuring self-closing close-fitting doors, a liquid-tight sump in the base capable of holding at least 25% of the cabinet's storage capacity, and perforated shelves for free air movement.

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## Outdoor Corrosive Storage

Outdoor storage of corrosive substances necessitates a compliant corrosive substances storage container designed in full conformance to AS3780. This container should be constructed from a corrosive-resistant material or lined with a corrosive-resistant coating.

Additionally, it must have a spill containment sump with a capacity of at least 25% of the container's storage capacity or the capacity of the largest package, whichever is greater. For floor areas exceeding 25m<sup>2</sup>, the container should provide at least two means of access and display correct dangerous goods signage, including a Class 8 Corrosive Substances Diamond.

**DISCLAIMER!** The information provided above serves as a general guide for the storage and handling of corrosive substances, in accordance with the Australian Dangerous Goods Code and AS3780 - *the storage and handling of corrosive substances*. It is crucial to note that standards and regulations may evolve over time. For the most accurate and up-to-date information, it is strongly advised to consult the latest edition of the AS3780 standard and any other relevant regulations governing the storage and handling of corrosive substances.

## Ordering Information

AUS & NZ	Description
664-175	POLYCHEM Corrosive 40L Cabinet & Accessories Set
664-176	POLYCHEM Corrosive 80L Cabinet & Accessories Set
664-177	POLYCHEM Corrosive 180L Cabinet & Accessories Set

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