GalvinEngineering
the mark of reliability

CONTACT US

GALVIN ENGINEERING
410 Victoria Rd
Malaga, Western Australia, 6090
P 1300 514 074

EMAIL
sales@galvinengineering.com.au

THREE SIXTY DISTRIBUTION
16 George Bellow Rd
Dakota Business Park
Christchurch Airport, 8042
P 0800 003 496

EMAIL
info@360distribution.co.nz

A family owned Australian business

Certified System Quality ISO 9001 SAI GLOBAL

Certified System Environment ISO 14001 SAI GLOBAL

Approved • Galvin Test Laboratory •

In the absence of a legal or industry definition of anti-ligature or ligature resistant products, when we use these terms, we are referring to products that are specially designed and manufactured to reduce the risk of ligature attachment to the product(s).

Galvin Engineering Pty Ltd will always endeavour to design and test our anti-ligature product(s) to reduce the risk of product ligature attachment that may result in injury or death.
Whilst all reasonable measures are taken at the time of design, the anti-ligature design of the products are not intended to:
a. Replace protective measures that need to be taken in the specific circumstances of usage.
b. Substitute the need for necessary supervision of those who may be at risk.
c. Protect and or prevent against any self-harm instances that may occur when installed.

Galvin Engineering Pty Ltd does not offer any product(s) for sale labelled as ligature-free.
Therefore, Galvin Engineering will not be liable for any claims arising from ligature attachment on our products. It is the purchaser's responsibility to ensure that products purchased and installed are suitable for the environments they are installed in.

galvinengineering.com.au

GalvinCare®
Mental Health Solutions

Water Solutions for a Healthier Environment

GalvinEngineering
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Total Wet Room Anti-Ligature Solution

The design of our products reflects a new vision and philosophy for mental health facilities that is rooted in hope, healing and recovery.

Strong emphasis is placed on designs that incorporate home like, non-institutional, and patient-centred environments that imbue healing, familiarity, and a sense of being valued.

Anti-Ligature Shower Activation and Shower Outlets

GalvinCare® Thermo Progressive Shower Mixer

Product Code	WM-TMVPMSCS
Inlet	15mm BSP

GalvinCare® lever handle operates on/off temperature controls for straight forward operation.

Suitable for high and low pressure systems it can be set to deliver a thermostatically controlled water temperature of 45ºC maximum.

Features;
Enables water to be mixed closer to the point of discharge, minimising stagnant warm water which provides ideal conditions legionella bacteria to grow.

Maximum temperature limiter fitted for protection from accidental scalding.
The GalvinCare® control handle is easy to use, and minimises ligature risk.

Technical Information;

Hot Temperature Supply Range	(°C): 50 - 85
Cold Temperature Supply Range	(°C): 5 - 25
Adjustable Temperature	(°C): 35 - 45
Operating Working Pressure	(kPa): 20 - *500
Maximum Outlet Pressure*	(kPa): 500 kPa
Permitted Supply Pressure Variation:	10:1

Construction: Brass
Finish: Chrome

WaterMark AS 4032.4 Lic. WMKA21989 SAI Global

Safe-Cell® Vandal Resistant Shower Rose

Product Code	40691
Inlet	15mm BSP Female

The Safe-Cell® Vandal Resistant Shower Rose with bolting plate provides both anti-vandalism and anti-ligature features.

This shower is used extensively in high risk, high security applications such as prisons, correctional facilities and detention centres.

Features;
Vandal Resistant
6.5LPM Constant Flow Restrictor
Front or rear fixing
Minimises hiding of contraband
Minimises suicide risk
Minimises self-harm risk
Chrome plate finish for easy cleaning and added durability

Technical Information;
Inlet: 15mm BSP - Female
Outlet: Shower Rose
Headwork: N/A
Working Pressure Range (kPa): 150 Min - 500 Max
Working Temperature Range (°C): 5 Min - 70 Max
Nominal Flow Rate (LPM): 7
Construction: Brass
Finish: Chrome

WaterMark AS/NZS 3662 Lic. WMK26191 SAI Global

Anti-Ligature Safe-Connect Shower Heads and Drains

GalvinCare® Anti-Ligature Safe-Connect Shower

Product Code	42020
Inlet	15mm BSP - Female

The GalvinCare® Mental Health Anti-Ligature Safe-Connect Shower Head with Hand Shower, enables carers to easily detach the hand held shower when no longer needed.
Australian patent no. AU 2017100421

Features;
Vandal Resistant
6.5LPM Constant Flow Restrictor
Front or rear fixing
Minimises hiding of contraband
Minimises suicide risk
Minimises self-harm risk
Chrome plate finish for easy cleaning and added durability

Technical Information;
Inlet: 15mm BSP - Female
Outlet: Shower Rose
Headwork: N/A
Working Pressure Range (kPa): 150 Min - 500 Max
Working Temperature Range (°C): 5 Min - 70 Max
Nominal Flow Rate (LPM): 7
Construction: Brass
Finish: Chrome

WaterMark AS/NZS 3662 Lic WMK26191 SAI Global

Safe-Cell® CRR Anti-Ligature Drains

Product Code	303070X
Connection	80mm BSP Mi
Product Code	303077X (Vinyl Drain)
Connection	80mm BSP Mi

The stainless steel round vinyl Safe-Cell® Crocodile Roll Resistant (CRR) floor drain has been designed to minimise the risk of self-harm and suicide using a technique called the "Crocodile Roll".

Features;
Stainless steel construction
BSP thread Complies with AS/NZS 3966 to Class B and EN1253 Class C load rating Designed for mental health facilities, custodial facilities, prisons and holding cells to reduce the risk of suicide, self harm and the hiding of contraband.
Unique dual ring design to maximise drainage of water supply.

Technical Information;
100x80mm BSP
Tamper Resistant Screws

Flow Rate Guide (litres/second):

	Pressure head mm of water		
Grate Size	20	30	40
100	0.45	0.46	0.53

WaterMark WMTS 040:2016 Lic. WMK02448 SAI Global