



MILLFORM
AUSTRALIA



MAGNA-SHIELD PRO

ULTIMATE CORROSION PROTECTION

ZINC-ALUMINIUM-MAGNESIUM

- High corrosion resistance
- Concrete compatible
- Attractive finish
- Powder coat compatible

MAGNA-SHIELD PRO











ULTIMATE CORROSION PROTECTION

ADVANCED COATED STEEL FOR CORROSIVE ENVIRONMENTS

The MAGNA-SHIELD PRO® coated steel advantage

MAGNA-SHIELD PRO® is a superior steel coating layer combining zinc, aluminium, and magnesium with outstanding results. It offers incredible corrosion resistance, impressive scratch resistance, among other benefits. At Millform Australia®, we manufacture products from **MAGNA-SHIELD PRO®** coated steel for harsh environments.

This technologically advanced hot-dip coating provides superior protection and new installation possibilities in a range of corrosive settings. It replaces the need for post-galvanising, lowering material costs and reducing project lead times across the board.

SALT SPRAY TEST					
	1600hrs	2200hrs	2600hrs	3400hrs	4000hrs
Galvanised 350					
MAGNA-SHIELD PRO® ZM350					

UNIQUE COATING LAYER OF ZINC, 5% ALUMINIUM AND 3% MAGNESIUM

MAGNA-SHIELD PRO®s ZM350 coating meets the requirements for the Type ZM Coating Class under the AS 1397:2021 specification: *Continuous hot-dip metallic coated steel sheet and strip — Coatings of zinc and zinc alloyed with aluminium and magnesium.*

MAGNA-SHIELD PRO® is the ideal product for industrial, construction, commercial, and government applications. With unmatched strength, integrity, and corrosion resistance, it's suitable for demanding Australian conditions.



Agricultural facilities



Horticultural facilities



Coastal facilities



Aquatic facilities

CORROSION PROTECTION WITHOUT COMPROMISE

MAGNA-SHIELD PRO® coated steel is ideal for challenging corrosive environments. It offers much greater protection than a zinc galvanised steel sheet, and it can be used with confidence in a range of extreme conditions.

With a bright, uniform appearance that ages to a satin metallic sheen, **MAGNA-SHIELD PRO®** delivers protection without compromise.

- ◆ Superior corrosion resistance
- ◆ Excellent results without post-galvanising
- ◆ Compatible with concrete
- ◆ Attractive satin matt finish

Suitable for a wide array of structural products

MAGNA-SHIELD PRO® coated steel is the ideal solution for the following structural products:

- C and Z section purlins and accessories
- Downturn lip purlins
- Lapped downturn lip purlins
- Bridging

New installation possibilities

MAGNA-SHIELD PRO® offers superior corrosion resistance, helping to unlock new installation possibilities. This material is suitable when structural sections are subjected to severe or corrosive environmental or operating conditions.

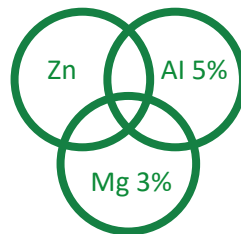
- Marinas and boat sheds
- Aquatic facilities
- Agricultural and horticultural facilities
- Industrial environments
- Petroleum refineries
- Environmental and composite laboratories
- Coastal spray

Extended lifespan

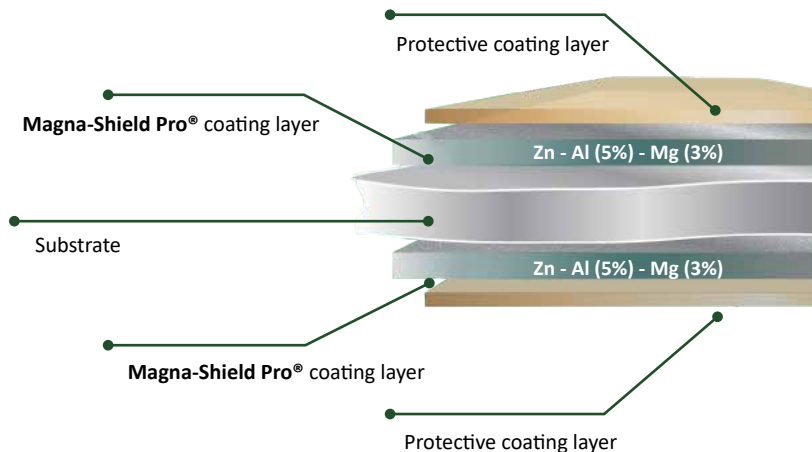
MAGNA-SHIELD PRO® coated steel has a longer lifecycle than comparable products. It has been designed for durability and longevity, with a higher level of corrosion resistance and smaller coating weight than traditional steel products. With numerous benefits and superior results, **MAGNA-SHIELD PRO®** can replace stainless steel and aluminium in many applications.

At Millform Australia®, we have created a Statement of Durability complete with coating and steel specifications, along with a detailed Performance Statement. **MAGNA-SHIELD PRO®** has at least three times the lifespan of galvanised steel for similar applications and coating thicknesses.

We provide unmatched strength in steel engineering and manufacturing. We deliver proven building solutions across industry sectors, powered by **MAGNA-SHIELD PRO®** and other high-quality products.



Unique coating layer of Zinc, 5% Aluminum and 3% Magnesium provides surface corrosion and metal cutting edge protection.



FIND OUT MORE ABOUT OUR RANGE OF STEEL BUILDING PRODUCTS



TOPHAT & BATTENS



PURLIN & CHANNEL



HOOKFAST PURLIN BRIDGING SYSTEM



ROOFING & WALLING



ROOFING ACCESSORIES



JUNCTION STUD & FACADE SYSTEM



SLAB & SPIRAL DUCT

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