



colorsteel®

DRIDEX®

ANTI-CONDENSATION

THE AGE
OF PAPERLESS

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DRIDEX®
ANTI-CONDENSATION



INTRODUCING COLORSTEEL® DRIDEX® - A BETTER WAY TO ROOF

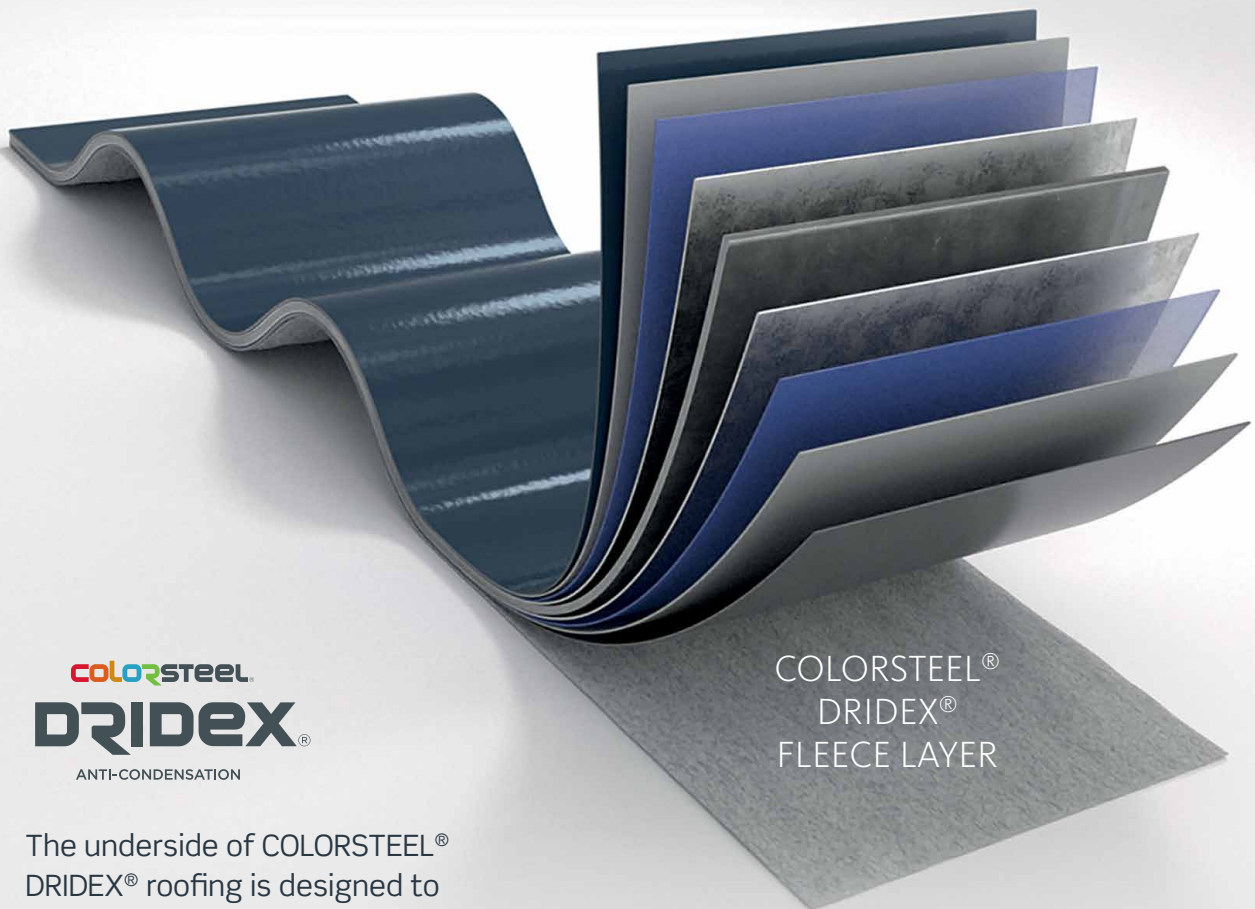
Putting up roof underlay and netting can be time consuming and dangerous. What's worse, the end result can quickly become ripped, worn and unsightly. And so our scientists set out to develop a better solution.

The result is COLORSTEEL® DRIDEX®.

COLORSTEEL® DRIDEX® is a unique anti-condensation fleece that's adhered to COLORSTEEL® roofing products, negating the need for netting or underlay.

It's ideal for industrial sheds, unlined garages, hangars and farm buildings.

COLORSTEEL® DRIDEX® 9 LAYER SYSTEM



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COLORSTEEL®
DRIDEX®
FLEECE LAYER

The underside of COLORSTEEL® DRIDEX® roofing is designed to absorb and store condensing water. When the roof temperature rises again the stored water evaporates.

ADDING VALUE AT EVERY STAGE

KEY BENEFITS TO THE INSTALLER

REDUCE TIME ON-ROOF



Without the need for roofing underlay or netting, you'll save time on installation.

MORE FLEXIBILITY



Installation is less effected by wind, reducing down-time.

A BETTER RESULT



Without roofing underlay you don't have to worry about sags, rips, gaps or misalignment.

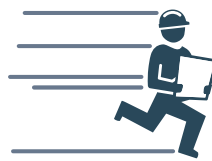
KEY BENEFITS TO THE END USER

HEALTHIER BUILDINGS



If condensation issues are left untreated they can lead to mould and rot, not to mention water damage to stored goods.

QUICKER CONSTRUCTION



Quite simply, COLORSTEEL® DRIDEX® is easier to install. That means projects are completed faster.

IMPROVED AESTHETIC



The end result is a clean, aesthetically-pleasing look.

ENVIRONMENTAL CATEGORIES AND WARRANTY OVERVIEW

For roofing only (not for wall cladding, gutter/downpipes, fascia).

		VERY SEVERE	SEVERE	MODERATE
COLORSTEEL DRIDEX®	PERFORATION WARRANTY ¹	NOT RECOMMENDED	NOT RECOMMENDED	15 YEARS
	PAINT WARRANTY ²	NOT RECOMMENDED	NOT RECOMMENDED	15 YEARS
COLORSTEEL DRIDEX+®	PERFORATION WARRANTY ¹	NOT RECOMMENDED	15 YEARS	15 YEARS
	PAINT WARRANTY ²	NOT RECOMMENDED	15 YEARS	15 YEARS

Refer to New Zealand Steel's 'Environmental Categories, Warranty & Product Maintenance Recommendations' brochure for descriptions of Environmental Categories.

¹ Against perforation as a result of corrosion.

² Covering the paint surface against flaking, peeling and excessive fade.

FOR A QUICKER, EASIER AND SAFER WAY TO ROOF, USE COLORSTEEL® DRIDEX®.

SPECIFICATIONS

PHYSICAL PROPERTIES (TOP COAT)

Pencil hardness

H minimum

Reverse impact resistance (10 joules)

Pass

T-bend test

No tape off

4T minimum

Chalk rating (AS1580: 48.1.11, 1998)

≤4 (10 years exposure)

Top coat specular gloss (60° head)

Nominal Range	Tolerance
0-15	± 3
16-80	± 10
80+	Nominal -10

Colour retention (HunterLab units, Delta E)

8 units (maximum) – 10 years exposure

PROTECTION FROM FIRE

The COLORSTEEL® DRIDEX® range is rated 1-S under the New Zealand Building Code Clause C3.4(a).

PREFERRED SUBSTRATE

ZINCALUME® G550, width: 940mm, 1100mm, or 1221mm, gauge (BMT): 0.35mm, 0.40mm or 0.55mm. Substrate is manufactured to AS1397:2011.

COATING WEIGHT

COLORSTEEL® DRIDEX® AZ150

COLORSTEEL® DRIDEX®+ AZ200

ABSORPTION CAPACITIES

The water absorption capacity of COLORSTEEL® DRIDEX® roofing has been tested independently and will vary with the slope of your roof.¹

ROOF SLOPE	WATER ABSORPTION
<10°	0.7 - 1.0 l/m ²
10° - 30°	0.5 - 0.7 l/m ²
30° - 45°	0.3 - 0.5 l/m ²

¹ Determined by independent tests conducted by the Fraunhofer Institute for Building Physics, Germany.

FAQs

DOES COLORSTEEL® DRIDEX® SUPPORT FUNGAL GROWTH?

COLORSTEEL® DRIDEX® prepainted steel does not support fungal growth and is classified as a Class I material (a material that is completely insensitive to fungus growth).²

² Tested independently by TNO Bouw in the Netherlands.

WHAT COLOURS DOES COLORSTEEL® DRIDEX® COME IN?

COLORSTEEL® DRIDEX® is available in all top coat colours. The COLORSTEEL® DRIDEX® fleece colour is grey, similar to the Perpetual Grey™ backer of COLORSTEEL®.

HOW DO I BECOME AN ACCREDITED COLORSTEEL® DRIDEX® INSTALLER?

Only accredited roofers can install COLORSTEEL® DRIDEX®. One-on-one training is available from New Zealand Steel. Please contact your rollformer for more information.

CAN I USE COLORSTEEL® DRIDEX® FOR CLADDING?

No. COLORSTEEL® DRIDEX® is suitable only for roofing. Cladding, and all accessories (such as gutters, flashings) are available from the regular COLORSTEEL® range.

CAN I STORE COLORSTEEL® DRIDEX® OUTSIDE PRIOR TO INSTALLATION?

You should not expose COLORSTEEL® DRIDEX® to weather prior to installation. The product is designed to absorb water. If the product absorbs water while stacked the moisture can't evaporate, causing the product to become significantly heavier. It may also expose the roof structure to excessive amounts of water, and may appear dirty due to exposure to dirt.

DOES COLORSTEEL® DRIDEX® ABSORB WATER FROM GUTTERS?

No. Capillary action on overhangs is managed by removing the backer 3-6cm from the sheet edge during installation.

TWO UNIQUE PRODUCTS

Developed for everyday use and suitable for mild and moderate inland environments, COLORSTEEL® DRIDEX® is the way of the future when it comes to roofing. For more severe coastal environments³ there's COLORSTEEL® DRIDEX®+, a premium product designed to combat corrosion.

The piece of fleece attached is a sample of the layer that's adhered to your COLORSTEEL® product of choice, creating COLORSTEEL® DRIDEX® or COLORSTEEL® DRIDEX®+.

³Please refer to the Environmental Categories and Warranty Overview in the front of this brochure.

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For more information about
COLORSTEEL® DRIDEX®
call **0800 100 523**, visit
colorsteel.co.nz or email us
at **info@colorsteel.co.nz**

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