GFC G10 Roofing Screws

RoofFix™

ENHANCED DRILL SPEEDS

G10 offers up to 30% faster drilling speeds. This is due to the coating's lower coefficient of friction and adhesion to the substrate during installation.

G10 GALVANISED COATING SYSTEM

G10 screws use a new and innovative protective coating that is extremely resistant to corrosion. It does NOT need any extra hybrid coatings applied to it to achieve outstanding corrosion performance in New Zealand's conditions.

G10 coating has bridged the gap between Stainless Steel and Galvanising in the fastener industry.

This unique coating is Hydrogen Embrittlement free, drills faster, lasts longer and adheres strongly to the metal substrate. G10 has been engineered to perform in real world applications and is suitable for use in ISO 9223 categories 2, 3, 4 and 5.

DEKS® neo washer

- 100% EPDM
- Low carbon content
- Non-conductive

Painted rather than powder coated which is not as susceptible to fading caused by UV.

Specifications may be subject to change. We endeavour to ensure data is correct at time of publication.

GFC TimberTek

Type 17 Class 5 (G10) Hex Head with DEKS® Neoprene Seal

Finish:
Cat 5 Mechanical Galvanising (G10®)

Hex Head AF Size Inch	Gauge	TPI	Length	Hex Head AF Size Inch & mm	Gauge	TPI	Length
5/16”	12	11	25	3/8” & 10mm	14	10	75
5/16”	12	11	50	3/8” & 10mm	14	10	90
5/16”	12	11	65	3/8” & 10mm	14	10	100
				3/8” & 10mm	14	10	125
				3/8” & 10mm	14	10	150

Technical Requirements	Diameter and Thread Pitch		
	Gauge	12-11	14-10
Axial Withdrawal Force	KN	6.0	7.0
Axial Tensile Strength	KN	15.0	22.0
Torsional Strength	KN	13.0	18.0

NOTES:

- AS 3566.2-2002 specifies that withdrawal tests be carried out from 1.6mm thick zinc coated steel, Type G450-Z275 in accordance with AS 1397.
- AS 3566.0-2002 does not specify values for Single Shear Load, values shown are for loading through the shank and are provided for information only.

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GFC SteelTek

Self Drilling Class 5 (G10) Self Driller
Hex Head with DEKS® Neoprene Seal

Finish:
Cat 5 Mechanical Galvanising (G10®)

Hex Head AF Size Inch	Gauge	TPI	Length	Hex Head AF Size Inch & mm	Gauge	TPI	Length
5/16"	12	14	20	3/8" & 10mm	14	10	75
5/16"	12	14	35	3/8" & 10mm	14	10	90
5/16"	12	14	55	3/8" & 10mm	14	10	100
5/16"	12	14	65	3/8" & 10mm	14	10	135
				3/8" & 10mm	14	10	150

Technical Requirements	Diameter and Thread Pitch		
	Gauge	12-11	14-10
Axial Withdrawal Force	KN	4.0	3.5
Axial Tensile Strength	KN	17.0	20.5
Torsional Strength	KN	13.0	22.0

NOTES:

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GFC KwikTek

Cat 5 (G10) Hex Head with DEKS® Seal

Finish:
Cat 5 Mechanical Galvanising (G10®)

Hex Head AF Size Inch / mm	Gauge / mm	TPI	Length / mm
5/16" / 7.9mm	14 / M6	12.7	55mm
5/16" / 7.9mm	14 / M6	12.7	65mm

Technical Requirements	Diameter and Thread Pitch		
	Gauge	12-11	14-10
Axial Withdrawal Force	KN	6.0	7.0
Axial Tensile Strength	KN	15.0	22.0
Torsional Strength	KN	13.0	18.0

NOTES:

- AS 3566.2-2002 specifies that withdrawal tests be carried out from 1.6mm thick zinc coated steel, Type G450-Z275 in accordance with AS 1397.
- AS 3566.0-2002 does not specify values for Single Shear Load, values shown are for loading through the shank and are provided for information only.

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GFC Trim Bond Cyclone Washer

Material: 0.95 BMT Hot Rolled Steel

Coating: Zinc / Aluminium G300 – for use with class 4 and 5 screws

Lining: Closed Cell Polyethylene Foam 4mm thick

Profiles: Can be used on all roll-formed corrugated and trapezoidal profiles up to 28mm widths such as Custom Orb, Corrugated, Trimdek and Styline

Screws: 12 gauge or 14 gauge fitted with neo washers

Other Washers

Aluminium Embossed Washer
od 19mm & 25mm

EMPD Sealing Washers
od 30mm & 35mm

Polycarbonate Roofing Washers
od 26mm

Accessories

NutSetter

Silicone

Coloured Rivets

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GFC Warranties

All GFC G10 screws carry the following warranty from the date of installation, subject to the terms and conditions below:

Category (as per AS/NZ 2728) ^^	Roofing* G10	Vertical Cladding* G10	Paint Film** G10
ISO Category 5 Very severe marine – Off shore and within 400 metres from the coast. May extend inland depending on local conditions Very Severe Industrial and Geothermal – Characterised by heavy emissions from industrialsites, or areas of geothermal activity	15 Years	15 Years	15 Years
ISO Category 4 Begins from 400 metres from the coast. May extend inland depending on local conditions	20 Years	20 Years	20 Years
ISO Category 3 Marine – areas further inland than Category 4, andcan be influenced by coastal salts	30 Years	30 Years	30 Years
ISO Category 2 Moderate – Inland, areas not influenced by industrial sites, or rural areas	30 Years	30 Years	30 Years

^^ These are general guidelines only. Building location, design & aspect need to be taken into account.

* All GFC G10 screws carry the following warranty from the date of installation, subject to the terms and conditions below, against structural defects or failure, or metallurgical defects, of the fastener.

** All GFC G10 screws carry the following warranty from the date of installation, subject to the terms and conditions below, against excessive fade of the decorative paint film on the fastener as determined in AS/NZS2728.

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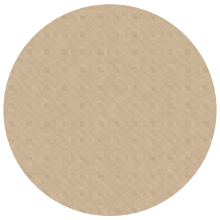
Colours

COLORSTEEL®

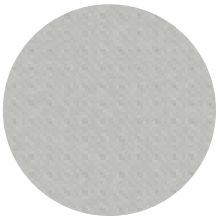
STANDARD RANGE:

Titania
TSR: 65%
LRV: 68%

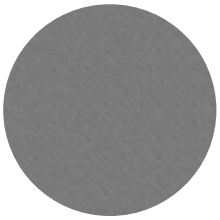
Cloud
TSR: 70%
LRV: 75%



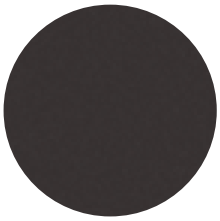
Desert Sand
TSR: 56%
LRV: 49%



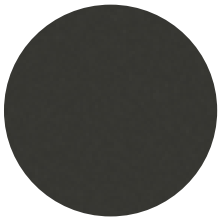
Gull Grey
TSR: 56%
LRV: 50%



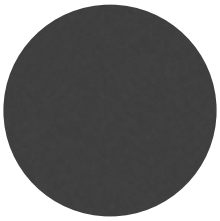
Sandstone Grey
TSR: 41%
LRV: 27%



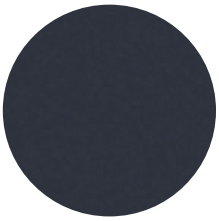
Slate
TSR: 27%
LRV: 9%



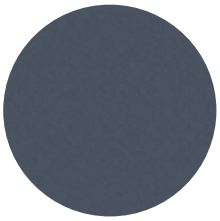
Ironsand
TSR: 25%
LRV: 8%



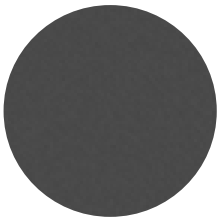
Thunder Grey
TSR: 27%
LRV: 12%



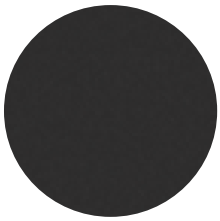
Windsor Grey
TSR: 21%
LRV: 7%



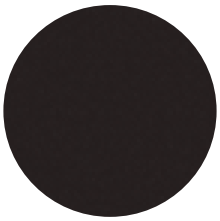
New Denim Blue
TSR: 25%
LRV: 11%



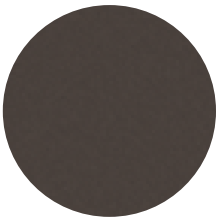
Grey Friars
TSR: 26%
LRV: 10%



Ebony
TSR: 5%
LRV: 5%

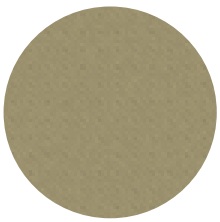


FlaxPod
TSR: 23%
LRV: 7%

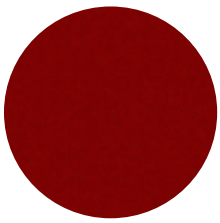


Lignite
TSR: 29%
LRV: 11%

Karaka
TSR: 25%
LRV: 8%



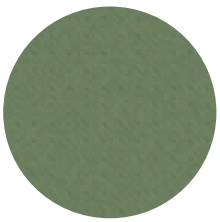
Lichen
TSR: 40%
LRV: 27%



Pioneer Red
TSR: 36%
LRV: 13%

Scoria
TSR: 31%
LRV: 10%

Permanent Green
TSR: 25%
LRV: 11%



Mist Green
TSR: 38%
LRV: 26%

Note: Colours are a representation of actual colours, and are depicted as accurately as possible.
For actual colours we recommend ordering a manufacturers colour sample.

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Colours

Colorbond®

CLASSIC RANGE:

CLASSIC CREAM™
SA = 0.32. BCA = L

PAPERBARK®
SA = 0.42. BCA = M

PALE EUCALYPT®
SA = 0.60. BCA = M

WOODLAND GREY® Ⓤ
SA = 0.71. BCA = D

DEEP OCEAN® Ⓢ
SA = 0.75. BCA = D

COTTAGE GREEN®
SA = 0.75. BCA = D

MANOR RED®
SA = 0.69. BCA = D

NIGHT SKY®
SA = 0.96. BCA = D

CONTEMPORARY RANGE:

SURFMIST® Ⓤ Ⓢ
SA = 0.32. BCA = L

EVENING HAZE®
SA = 0.43. BCA = M

SHALE GREY™
SA = 0.43. BCA = M

DUNE® Ⓤ Ⓢ
SA = 0.47. BCA = M

COVE™
SA = 0.54. BCA = M

WINDSPRAY® Ⓤ Ⓢ
SA = 0.58. BCA = M

GULLY™
SA = 0.63. BCA = D

MANGROVE™
SA = 0.64. BCA = D

WALLABY™ Ⓤ
SA = 0.64. BCA = D

JASPER®
SA = 0.68. BCA = D

BASALT™
SA = 0.69. BCA = D

IRONSTONE®
SA = 0.74. BCA = D

TERRAIN®
SA = 0.69. BCA = D

MONUMENT® Ⓤ
SA = 0.73. BCA = D

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