

Product Safetor Roof Anchors
Company Collins Corporation Ltd

Product Description

Safetor Roof Anchors have been specifically designed to provide safe anchors for safety lines that can be applied to a wide range of building sizes, roof shapes and construction modes.
This Poly Panel roof anchor has been tested to the AS/NZS 5532.2013 Anchor testing standard and meets the AS/NZS 1891.4:2000. The AS/NZS 1891.4:2000. is only a the maintenance standard and not a testing standard.

Scope of Use

SAFETOR Roof Anchors are designed to protect and save lives while people are working at height, giving them a solid point to attach safety lines for fall-restraint, fall-arrest and abseil.

Care must be taken when using any Safetor Roof Anchors.

Statement of Building Code Compliance

This product if designed, used, installed and maintained in accordance with the supporting technical information and additional conditions and limitations will meet the following provisions of the New Zealand Building Code:

- AS/NZS 5532 : 2013 (Anchor Point Testing)
- AS/NZS 1891.4: 2009 (Anchor Points)
- AS/NZS 1891.2: 2001 (Horizontal Lifeline and Rail Systems)
- AS/NZS 4488.1 & 2: 1997 (Industrial Rope Access Systems)
- NZBC-Clause B1 Structure, B2 Durability, F4 Safety from Falling
- NZ - BCA (Performance-based Building Code)
- AS/NZS 1170 (Structural Design Actions)
- AS/NZS 4600 (Cold Formed Steel Structures)
- NZS 3604 (Timber Framed Buildings)
- NZS 3404 (Steel Structures)

Evidence base to support compliance

This product has the following evidence to support the above solution type declaration:

- In-house technical opinion
- Appraisal
- Independent testing

The Anchors have been tested to: AS/NZS 5532.2013 Standard by:

1. QSI who are an Accredited IANZ testing Laboratory and also certified ISO testing facility.
2. MTL who are an Accredited IANZ testing Laboratory MTL who are an IANZ approved Laboratory.

Safetor anchors meet all anchor testing standards

Validity Date

The validity date is dictated by the earliest renewal date of any relevant testing or appraisal documents. 26/06/2015

Installation Conditions

This product is code-compliant on the condition that it has been installed by: a Competent Person



SPPA

SUPER

DURABLE COATING SYSTEM

Kulorthene Series ABCITE® thermoplastic powder coatings have been developed specifically for enhanced long term corrosion protection, high impact strength and excellent exterior weathering.

Kulorthene ABCITE® THERMOPLASTIC POWDER COATINGS

Kulorthene Series ABCITE® thermoplastic powder coatings have been developed specifically for enhanced long term corrosion protection, high impact strength and excellent exterior weathering.

Environmental Conditions

- Does not suffer from premature failure through embrittlement
- Excellent coverage of edges and welds
- Tactile grip and warm feel
- Very good sound and electrical insulation properties
- Low flammability and low smoke and toxic fume emissions
- Environmentally friendly - 100% recyclable, no VOC's, plasticisers, TGIC, heavy metals or halogens
- Coating is easy to repair in-situ
- Long term corrosion protection to metal items
- Excellent adhesion without the need for primers
- Excellent resistance to exterior weathering, sun
- Excellent chemical resistance, including acids, alkalis and road salts
- Potable water certifications - suitable for contact with drinking water and food
- Vandal and graffiti resistance
- Excellent impact and abrasion resistance - will not chip or crack even at very low temperatures

Kulorthene Series Abcite®

Abcite® is a thermoplastic powder coating which melts and flows to form a very hard, flexible and impervious coating.

- Traditional (thermoset) powders must first melt and then chemically cross-link to develop their physical properties and adhesion.
- The curing/cross-linking schedule is therefore critical for traditional thermoset powder coatings to attain their full properties and appearance. This can require long oven cycle times.
- Abcite® only has to melt onto the surface to provide adhesion, and when the coating is cooled full appearance and physical properties are ensured. Abcite® can be applied from 200 to 3,000 microns.
- Traditional powder coatings are applied at 50 to 100 microns.

Kulorthene Abcite® coatings can be repaired in-situ using the same polymer system.

- Traditional powder coatings can only be repaired in-situ with a paint overcoat which may not have the same physical or weathering properties as offered by the original powder.

Benefits include

Exceptional resistance against salt spray, humidity, most common chemicals, acids, and alkalis. Abcite® coatings have high elongation properties, excellent mechanical resistance, are solvent free, have excellent substrate adhesion without the need for primers, superior chip resistance, and will provide superior substrate protection even to sub zero temperatures.

Product Description

Abcite® X60 A step up in chip and abrasion resistance.

Abcite® X60 is based on DuPont Surlyn resin the same polymer used for the tough outer skin of golf balls.

Abcite® X60 is a high build thermoplastic powder coating with superior edge coverage, substrate adhesion, and excellent corrosion and UV protection without the use of a primer. It is designed for various application techniques eg; electrostatic spraying, fluidised bed, and flame spraying.

Chemical Resistance

Abcite® X60 has excellent resistance to chemical attacks by both acids and alkalis however application-specific chemical resistance testing is recommended. It is also highly resistant to permeation by liquids. It also has good anti graffiti properties.

Typical Applications

Abcite® X60 is particularly suitable for outdoor light poles, sign posts, street and garden furniture, bike racks, marine fittings and fixtures, balustrades, railings and trellis, fencing panels, motorway guard rails, battery boxes, water pipes, valves and fittings, farm and agricultural equipment, mining and infrastructure in fact anywhere that increased hardness and abrasion resistance is required.

Independently Tested to ISO Standards

Abcite® X60 has been independently tested in Germany to ISO 12944-6. "Corrosion protection of steel structures by protective paint systems". The coating meets the highest specifications of C5-M and Im3