

PRODUCT DATA SHEET

Bit-U-Guard

Rubberised bitumen-based coating

Product Description:

SCC Bit-U-Guard is rubberised bitumen-based coating for the creation of an effective barrier to water and water vapour ingress. It can be used for damp proofing walls, floors and foundations as well as for sealing ponds, dams and waterproofing roofs. Once dry, **SCC Bit-U-Guard** forms a tough and durable film that is able to accommodate small movement cracks for a long-lasting damp proofing solution.

Characteristics/Advantages:

- Ready to use
- Environmentally friendly and non-toxic after drying
- Extremely tough and flexible
- Safe for fishponds once fully cured
- Resistant to temperature extremes

Uses:

SCC Bit-U-Guard can be used for many interior and exterior applications such as the following:

- Vertical and horizontal surfaces
- Damp proofing walls to prevent penetration from rising and driven damp as well as water vapour.
- Waterproofing building foundations, ponds, dams, water features and gutters.
- Suitable for waterproofing roof structures when not exposed to the sun.
- Ideal for below ground structures where the protection of steel and concrete from the attack of chloride and other water-borne salts is required.

Product Properties:

Physical Form:	Viscous liquid
Colour:	Black/brown
Polymer base:	Rubberised bitumen emulsion
Recommended Coverage:	1.5 – 3m ² per L per coat
Drying Time:	Touch dry after 1 hour
Recoating Time:	Subsequent coats can be applied 2 – 4 hours after previous coat depending on ambient conditions.
Product Finish:	Low sheen

Product Thinning:

Not recommended as product quality may be degraded. If required, do not exceed a maximum of 10% water addition.

Surface Preparation:

Ensure that surfaces are dry (maximum 20% moisture maximum), in sound condition, clean and free from any contaminants such as dust, dirt, rust, salt, algae and grease. Remove all loose materials mechanically, then thoroughly clean surfaces with a suitable surface cleaner.

Bonding/ Priming:

Metal surfaces must be free of rust and primed with a suitable metal etch primer or with **SCC Bit-U-Tech Primer**.

For other surfaces, mix one part **SCC Bit-U-Guard** with one part clean water and prime the total surface area to be covered. As a guideline, 1L of the diluted primer will cover 4m² depending on surface porosity. Allow to dry before proceeding with **SCC Bit-U-Guard** application.

If surfaces have a moisture content of between 20 – 70%, prepare the surface with a coat of **SCC Flex-E-Guard** and allow for it to set completely before proceeding.

Application:

Apply **SCC Bit-U-Guard** at a uniform wet film thickness of 1.5 – 3m²/L to prepared surface using a brush or a roller. Apply a second coat after 2 – 4 hours. Once application is complete, allow **SCC Bit-U-Guard** to dry for at least 12 hours before continuing. Embed **SCC Hydro Band** into the first coat of **SCC Bit-U-Guard** on surfaces where extra reinforcement would be required or beneficial and saturate it while it is still wet with a fresh coating. Membrane overlaps should be a minimum of 100 mm on end laps and 75 mm on side laps.

Ponds/Dams: At least 3 coats of **SCC Bit-U-Guard** will be required at the recommended coverage rate. Allow the complete coating system to cure for at least 10 – 14 days after **SCC Bit-U-Guard** application before filling the pond or dam. Flush with clean water before filling.

Joints: Embed **SCC Hydro Band** into the first coat of **SCC Bit-U-Guard** and saturate it while it is still wet with a fresh coating. This will increase **SCC Bit-U-Guard** film strength over joints.

Note: If it rains in between coats, allow at least 48 hours drying time at 23°C to ensure thorough drying before applying any further products coats. If there is any rain damage to the coating, apply 2 subsequent according to application specification. The waterproofing system should be inspected every 3 years with a maintenance topcoat applied whenever necessary.

Protection on Completion:

Allow the system to dry for 7 - 10 days and then overcoat exposed areas with **SCC Bit-U-Tech Silver**.

Limitations:

- Do not apply if ambient temperature is below 10° C or above 35° C
- Do not apply if it is raining or if rain is forecast in the near future.
- Do not apply before 9am or after 4pm during winter.

Packaging:

SCC Bit-U-Guard is available in 5 and 20L buckets.

Storage and Shelf Life:

Store in a cool, dry place in original packaging. This product will have a shelf life of 12 months when stored appropriately.

Health and Safety Information:



Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. For further health and safety information refer to the product SDS.

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