

# Technical Data Sheet

## StoBit Seal 20

Rubberised bituminous waterproofing emulsion



### Characteristics

- Properties**
- One component, ready to use
  - Water-based, environmentally friendly
  - Non-flammable
  - Good adhesion to most substrate
  - Highly extensible

**Application** Apply with brush, roller or airless sprayer

### Area of Use

- StoBit Seal 20 is cold-applied rubberised bitumen and can be use
- as a damp proof membrane in sandwich construction,
  - as a general purpose waterproofer for walls, floors and other structures
  - as a vapour seal.
  - as a bonding agent for insulation boards, expanded polystyrene, cork panels, etc.

### Technical Data

Data	Criteria	Test Standard	Value	Unit
	Density		± 1.05	g/cm <sup>3</sup>
	Solid Content		55	%

The values stated are average values. Due to the use of natural raw materials in our products, the actual value determined on an individual delivery may deviate slightly without compromising product suitability.

### Application

**Substrate Preparation** All surfaces must be clean, dry and free from dirt, dust, oil and grease. All loosely adhering particles such as rust, scale, cement laitance, etc. should be removed. All organic growth should be removed using a fungicidal wash, followed by thorough washing with clean water.

**Material Preparation** StoBit Seal 20 is supplied ready to use. Stir well before use.

**Coating Procedure**

Priming  
For porous surfaces, dilute StoBit Seal 20 with an equal amount of clean water and apply at an approximate rate of 0.5 kg /m<sup>2</sup>.

Placing  
StoBit Seal 20 should be applied by brush, airless spray, roller or squeegee to prepared surface in 2 coats at 1.0 – 1.3 kg/m<sup>2</sup>. If necessary, sprinkle the final coat with silica sand to receive cements sand plaster or screed.

**Drying Time** Allow 4 hours cure time between coats and 24 hours prior placement of protection.

**Consumption** The coverage rate is approximately 1.0 – 1.3 kg/m<sup>2</sup>/mm dry film thickness.

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Application	
<b>Application Temperature</b>	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
<b>Cleaning Tools</b>	Tools can be cleaned immediately after use with water.
Delivery	
<b>Colour</b>	Black
<b>Packing</b>	StoBit Seal 20 is available in 20 kg pail
Storage	
<b>Storage life / conditions</b>	The shelf life of StoBit Seal 20 is approximately 12 months if stored in cool dry conditions.
Special Notes	
<b>Safety Precautions</b>	<p>After full curing, StoBit Seal 20 is physiologically harmless. Keep the resin and hardener away from eyes, mouth and skin. Do not inhale vapour. Protective gloves should be used when handling these products. If skin contact with resin occurs, cleaned immediately with soap and plenty of water. DO NOT use solvent.</p> <p>The use of goggles is recommended, however, should accidental eye contamination occur, rinse thoroughly with plenty of clean running water and seek medical treatment immediately.</p>
<b>Technical Support</b>	Please consult Sto Technical Service Centre or the local sales office for further information and any site assistance required.
<b>Disclaimer</b>	<p>The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.</p> <p>Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.</p> <p>When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on <a href="http://www.sto-sea.com">www.sto-sea.com</a>.</p>

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