

# TECHNICAL DATA SHEET

## BIT 1C

### - ECO1C-

Solvent-free, polymer-modified 1C bituminous coating with polystyrene



Availability			
Quantity per pallet		44	18
Size / Quantity		10 l	30 l
Type of container		Plastic bucket	Plastic bucket
Container	code	10	30
Art. no.			
020872		■	■

#### Application rate



Approx 1.2 l/m2/mm dry layer thickness

#### Range of use



- Waterproofing of new and old buildings for ground and roofs (under tiles)
- Water impact classes W1.1-E, W1.2-E, W2.1-E, W3-E and W4-E

#### Property profile



- Solvent-free
- Water pressure tight
- Flexible, elastic and crack-bridging
- Resistant to bodies of water aggressive to concrete (DIN 4030 XA3)
- Resistant to algae

#### Characteristic data of the product

Base	Polymer-bitumen emulsion with polystyrene
Density of ready-to-use mixture	Approx. 0.65 kg/l
Crack-bridging	≥ 2 mm
Cross-slit pressure test (DIN 15820)	Passed
Dry residue	Approx. 85 vol%
Time until thoroughly dry (20 °C/70% relative humidity)	Approx. 2-4 days (depending on weather conditions , this time may be shorter or longer.)
Consistency	Paste-like, thixotropic

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

## Additional information

### Execution Protocol

## Preparation

### ■ Substrate requirements

Even-surfaced, mineral substrate.  
Clean, dust-free and capable of supporting a load.  
Prepare concrete substrates at wall/base transition areas by means of mechanical material removal.  
Matt damp surfaces are permitted.

### ■ Substrate preparation

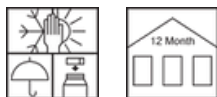
Remove projecting seams and mortar remains.  
Break off or chamfer corners and edges.  
Smooth out inner corners using a suitable mineral mortar.  
Close indentations > 5 mm using a suitable mineral material.

## Tools / Cleaning



Scoop, smoothing trowel, layer thickness trowel  
Clean tools immediately after use with water.  
Remove dried-on material using V 101 Thinner (0978).

## Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

## Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

### Personal protective equipment

Respiratory protection with a particle filter P2 must be worn during spraying, together with protective goggles.  
Wear suitable protective gloves and clothing.

### Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

## Declaration of performance

### Declaration of performance

### Declaration of conformity

21  
GBI-P 160  
EN 15814:2011+A2:2014  
0872

Polymer modified bituminous coatings (PMBC) for waterproofing in below ground structures / Roofs Under tiles

Watertightness class:	W2A
Crack-bridging ability class:	CB2
Water resistance:	No colouration of the water
	No debonding from inlay
Flexibility at low temperatures:	No cracks
Dimensional stability at high temperatures:	No sliding or draining down
Reaction to fire class:	E
Resistance to compression class:	C2A
Durability of watertightness and reaction to fire:	Passed

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Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This Information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the Prevailing working Condition

be binding, even though it is provided to the best of our knowledge In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.