

## Technical data sheet / instructions

# MINPUR<sup>®</sup> DP1 / IBB Wand

## Design powder 1 / industrial concrete coating for walls Pure mineral wall, ceiling and furniture coatings

**Specifications:**

DP1 / IBB Wand is produced on the basis of cement. The industrial concrete DP1 / IBB Wand coating consists of high-quality cement mixtures and various quartz lines. It barely differs from original industrial granolithic concrete, both in terms of its appearance and feel. After impregnation, the finished product, as a permanent coating, has the properties to meet the requirements for use as a concrete substitute. DP1 / IBB Wand was developed for coating areas such as stairs, bath surrounds, walls, ceilings and design furniture. The individual components were mixed in a way so as to ensure that colour pigments and impregnation products are concrete-compatible and light-fast. The appearance can be matched to an existing original granolithic concrete in terms of colour and structure.

**Areas of application:**

Concrete elements, exposed brickwork, walls, ceilings, design furniture etc.

**Risk areas include façades, outdoor spaces and surfaces under great mechanical stress.**

**Surfaces in a risk area must not be coated.**

**Please note:**

Wet room areas (walls / floors) should not be coated with DP1 / IBB Wand. In exceptional cases, this may be done only after professional substrate preparation (epoxy resin quartz bridge) and under your own responsibility, as the product supplier cannot monitor or influence the professional use by the processor (user).

**Substrate and cracking in the floor and wall area:**

In the **floor area** this only affects the **DP1 / IBB Boden** product as the DP1 / IBB Wand product is not used in the floor area. In order to safeguard the adhesion of DP1 / IBB Boden in the floor area, please ensure that the

coating is only applied to a 0.3 - 0.8 mm quartz bridge (always whet or shot-blast first). The surfaces must be clean and free from dust, fat and oil. The stability of the DP1 / IBB Boden depends on the substrate. Subsequent cracking can only be prevented by ensuring that the substrate is stable.

In the **wall area**, you must ensure that butt joints, indentations and edges are always smoothed out prior to coating with **DP1 / IBB Wand**.

**Pre-treatment:**

The substrate must be clean and free from dust, fat and oil. Prior to coating, the primer must be applied, which guarantees a firm bond between the upper and base material. Use undiluted (pure) M-10 mixed water as the primer. The subsequent mineral coating must always be applied on the same day as the primer so as to prevent any adhesion problems. Ideally the coating should be applied approximately one hour after the priming.

**Instructions / use:**

Dry mix DP1 / IBB Wand with the desired colour pigments, using a stirrer. For special colours, the colour pigments should first be mixed with M-10 mixed water in equal quantities. The addition of colour is limited to a maximum of 1.5 kg of colour pigments per bucket (15 kg) of DP1 / IBB Wand. Subsequently, mix with **pure M-10 mixed water (approx. 4.5 – 5.2 litres)** until the DP1 / IBB Wand has the appropriate consistency. The coating must be applied **in one** or, **at maximum, two work steps** and must not exceed a total coating thickness of 1.2 mm. Subsequent sealing / impregnation takes place on the following day as, otherwise, particles might detach from the coating.

<p><b>Sealing Option 1:</b> Once the DP1 / IBB Wand has dried well (at minimum 12 to 16 hours per layer), seal it once, using <b>EP-W-15</b>. Prior to the second sealing process, ensure that the first application has dried for a minimum of 12 hours and is whetted before commencing the second application. Subsequently, clean the area thoroughly.</p> <p><b>Please note:</b> The second application must always take place within 24 hours.</p> <p><b>Please note:</b> To prevent drying marks from developing, ensure that the sealed surfaces are well ventilated (no draught). Possibly tilt open a window and leave doors open; in addition, use a fan for indirect ventilation.</p> <p><b>Impregnation Option 2:</b> Once the DP1 / IBB Wand has dried well, impregnate it 2 - 4 times, using <b>Synfola P-IP 20 (polymer / crystallisation)</b>.</p> <p><b>Storage:</b> Always store DP1 / IBB Wand in a dry place. Always keep the container tightly closed.</p> <p><b>Disposal:</b> The product must not enter effluent or sewerage. Any leftover, mixed product must be left to harden in the bucket and subsequently disposed of in accordance with the regulations. Please comply with the applicable regulations for the proper disposal of waste at federal, cantonal, communal and international levels.</p>	<p><b>Cleaning of tools:</b> Use tap water to clean the tools.</p> <p><b>Liability:</b> Neither the producer nor the supplier has any control of the storage or use of the products and, therefore, does not assume any liability or responsibility in this respect. All advice is non-binding. As a user, you are obliged to familiarise yourself and your staff with this product and to brief yourself and your staff on its designated use. Any use of this product is at your own risk.</p> <p><b>Product warning:</b> Avoid contact with eyes and skin. During the work, wear suitable protective equipment, safety goggles and gloves. For mechanical processing (grinding work), a dust mask must be worn. Any additional safety precautions required by the client must be adhered to.</p> <p><b>First aid:</b> If swallowed, immediately rinse out mouth with water. Do not induce vomiting and call a doctor immediately. If vomiting has occurred, drink water. After eye contact, immediately rinse with plenty of water for 15 minutes and call a doctor. After skin contact, wash off with plenty of water and soap. After inhalation, ensure that the affected person immediately accesses fresh air and let him/her rest until fully recovered.</p> <p><b>Delivery forms:</b> 15 kg DP1 / IBB Wand in oval bucket</p>
---	--

For technical data on DP1 / IBB Wand and DP1 / IBB Boden, as well as M-10 mixed water, please refer to our EC safety data sheets at [www.synfola.ch](http://www.synfola.ch)

CAUTION: For advice on safe handling, health hazards and risks involved in using these products, you must read the relevant technical data sheets, product safety data sheets and the labels on the containers prior to use.

For further information, please contact your supplier or Synfola! Tel: 0041 55 / 283 36 90 Fax: 0041 55 / 283 36 91

Our information is based on our experience and developments. While we warrant the flawless quality of our products, we do not accept any liability for the storage of the products and the success of the work carried out by you as we do not have any influence on the use or conditions for use. We recommend that you set up test areas in individual cases. This technical data sheet supersedes the previous document. The information on this technical data sheet represents our best knowledge as at 1st January 2018 and is intended to provide readers with technical experience with advice on potential applications. We reserve the right to make alterations within the context of technical advancement.

January 2018