TEKNISKT DATABLAD

Fradiflex Premium

Fradiflex® metal water stop

Fradiflex® metal water stop is made of galvanised sheet steel, with a special coating

CE

Product	
Description	**Fradiflex® metal water stop** consists of a galvanised steel sheet in different heights with a special coating. The special coating is protected with a foil. **Fradiflex® metal water stop** is available in different lengths.
Usage	**Fradiflex® metal water stop** can be used to seal construction joints in in-situ concrete - at the wall-to-floor transition without concrete upstand, at the wall-to-ceiling or the floor-to-floor and wall-to-wall transition in building construction, civil engineering and structural engineering.
Characteristics/ benefits	Maximum permissible water pressure according to the declaration of performance 2 bar.
Test	
Approval/ permission	European approval (ETA-15/0914) of DIBt Berlin dated 7 March 2016 Test certificate of the Technical University Munich for: - single or double-sided special coating **Fradiflex® metal water stop** (abP No: P-51-07-0084\002 dated 15.01.2018) - single or double-sided special coating **metal water stop Fradiflex® controlled crack joint element** (abP-No.: P-51-07-0084\003 dated 30.08.2018)

Design	**Fradiflex® metal water stop** consists of a metal water stop with or without mounting bracket and is supplied in rolls or in strip form. The overlapping joints are bonded by the coating and secured with special clamps. The sheets have a special coating, which later bonds with the concrete. A thin foil covers the coated sheet over the entire surface. The foil has got a separating cut in the middle for later removal (for each concreting section).
Packaging	**Fradiflex® metal water stop** is supplied as follows: - 25 m roll: 1 roll/box / 36 boxes per pallet or - 2.1 m straight pieces: 50 pcs/box
Storage	12 months after date of production at max. 35 °C protected from moisture.
Physical characteristics	**Fradiflex® metal water stop** is manufactured from a galvanized slit strip (DX51) in heights of 80 mm or 150 mm [1]. The sheet thickness is 0.6 mm and is cut into rolls of 25 m or straight pieces of 2.1 m length. The product is temperature-resistant from -30°C to +70°C and can be processed from -15°C to +50°C [2]. The material for the special coating consists of an elastomeric plastic, free of formaldehydes. The layer thickness of the black special coating is approx. 0.2 mm. The coating is free of mercury, lead, cadmium and chromium (VI) in accordance with Directive 94/62/EG. According to EN ISO 11890-2:2001, the content of volatile organic hydrocarbons (VOC`s) is less than 0.3 %, according to regulation CH814.018 = 0 %. The protective film is made of polypropylene. It protects the coating from dirt, dust and, while pouring, from unintentional concrete splashes. After removing the film, the coating should not be exposed to weather for more than 7 days.
Disclaimer / Notes:	All technical data stated in this TDS are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application.