

Technical Data Sheet

Zemseal® tape Premium KB050 / KB100

Double sided, self-adhesive butyl sealing tape for splices, detailing and patches in Zemseal® membrane applications and general structural waterproofing



Product

Description	Zemseal® tape Premium , double-side, self-adhesive, fiber-mesh reinforced butyl sealing tape with PP-liner backing
Uses	Permanent waterproof splicing of Zemseal® Premium membranes, detailing, transitions and patching of all Zemseal® membranes. Bonds to fresh concrete and most solid substrates. Also usable as special sealing tape for coated metal water stops (Fradiflex® / Stremaflex®).
Characteristics / advantages	<ul style="list-style-type: none"> ▪ Permanently waterproof ▪ High resistance against aging and material fatigue ▪ Easy to use ▪ Application temperature range 5°-40° (substrate and ambient air), lower temperature conditions are possible, but require pre-heating of tape ▪ Waterproof splices withstand up to 20 m hydrostatic head (2 bar, 200 kPa, 29 lbs/sq-in) ▪ Waterproof crack bridging 2 mm at 200 kPa (29 lbs/sq-in)

Test Reports (available upon request)

Approvals / Standards	MFPA Leipzig (EOTA notified institute) test report PB 5.1 114-543-1
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Product Data

Appearance	Black butyl strip
Packaging	Roll length: 15 m
Storage	If stored in unopened, undamaged, original packaging and protected from the elements at temperatures between +5°C and +25°C, the shelf-life is at least 12 month from date of production. Keep in dry conditions

Material Properties

Width: 50 mm and 100 mm

Thickness: 1.0 mm

Tensile force (BS EN 14410): ≥ 70 N / 25 mm

Adhesive force: 20 N / 25 mm

Elongation at break (BS EN 14410): 15%

Peel strength (IPM 5009): ≥ 20 N / 25 mm

Temperature resistance: -30°C to +80°C

(when the temperature rises, the adhesive sealant becomes softer and stickier)

Fire behavior class E according to BS EN 13 501-1, building material class B2 according to DIN 4102, part 1, section 7

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. Please refer to the latest edition of this Technical Data Sheet on our web presence www.maxfrank.com