

REQUIREMENT AND DOCUMENTATION

Required tear resistance of the concrete substrate (minimum values)

Maintenance measure	Minimum value*) in N/mm ² = Mpa () smallest permitted single value		
Mortar and concrete for maintenance according to EN 1504-3	Adhesion according to EN 1542 and tensile strength according to EN 13687-1 up to 3 after thermal cycling		
Statically relevant	R 4 ≥ 2 Mpa	R 3 ≥ 1,5 Mpa	
Not statically relevant	R 2 ≥ 0,8 Mpa	R 1 ≥ 0,8 Mpa	
Surface protection according to EN 1504-2	Tensile strengths according to EN 13687-1 to 3 after thermal cycling and ageing at 70°C		
Surface protection system	Impregnation	Coating	
		flexible	rigid
Vertical	≥ 0,8 (0,5)	≥ 0,8 (0,5)	≥ 1,0 (0,7)
Horizontal without traffic loads	≥ 1,0 (0,7)	≥ 0,8 (0,5)	≥ 1,0 (0,7)
Horizontal with traffic loads	≥ 1,5 (1,0)	≥ 1,5 (1,0)	≥ 2,0 (1,5)

*) Depending on, but never greater than the strength of the substrate

Rules and regulations

EN 1504-2

Products and systems for the protection and repair of concrete structures

Part 2: Surface protection products and systems for concrete

EN 1504-3

Products and systems for the protection and repair of concrete structures

Part 3: Structural and non structural repair



As a subsidiary of the globally active Sika AG, Baar/Switzerland, Sika Deutschland GmbH is one of the world's leading suppliers of construction chemical product systems and sealants and adhesives.

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UNIVERSAL.**



SikaPower®-2955
**DETERMINATION OF THE
PULL-OFF STRENGTH IN A
VERY SHORT TIME**

CON/CK/FLY/100/08.2023

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SikaPower®-2955 PRODUCT FEATURES



FAST CURING

pull-off test can be carried out after approx. 45 minutes (+20 °C)

VERSATILE SUBSTRATES

(concrete, PCC mortar, EP, PU, etc.)

EASY APPLICATION

by hand gun

HIGH YIELD

approx. 15 stamps per 50 ml cartridge

OPTIMUM STABILITY

enables fast and accurate fixing of the test stamp

NO FALSIFICATION OF THE MEASUREMENT RESULT

due to solidification of the substrate

All components in one practical case

- 1 × Instruction
- 1 × Hand gun
- 3 × Dual cartridge 50 ml
- 10 × Static mixer

STEP BY STEP APPLICATION

1 Core drilling



2 Preparation of surface and test stamp



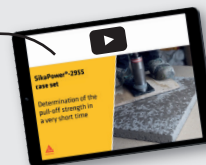
3 Apply adhesive



4 Tear-off test with testing device



5 Determine tear-off resistance and failure mode



View now!

Scan the QR code and check the tear-off resistance together with Sika.