

Strizo® EP 110

CE	
Strizo Synthetics bv Keurweg 4 5145 NX Waalwijk	
20	EN 13813:2002
STRIZO EP 110	
2 component epoxy primer	
Ba-s1	
Burning behavior	
SR	
Release of corrosive substances	
NPD	
Wear resistance	
≥ B1.5	
Adhesive bond	
NPD	
Impact resistance	

Two component solvent free Epoxy primer

Uses Low viscosity primer for concrete, mineral substrates and all Strizo® Epoxy and PUR floorings and coatings.

Characteristics

- solvent free
- low viscosity
- good penetration ability
- high bond strength

Appearance High gloss, transparent.

Technical data*	density	1,1 kg/l
	solid content	100%
	dilution	None
	mix-ratio	0.725 parts A-comp 0.275 parts B-comp
	compressive strength	>50 N/mm ²
	flexible strength	>28 N/mm ²
	workability	30 minutes
	tensile adhesion strength	> 1,5 N/mm ² (failure in concrete)
	fully cured	3 days
	7 days at 10°C	
	minimum application temperature	+15°C
	maximum application temperature	+30°C

*: Measured at 20°C and 65% RH

Consumption 200 – 400 g/m² depending on surface variations.

Substrate preparation Concrete and other mineral substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and to achieve an open textured surface for good adhesion. Weak concrete must be removed. Surface defects such as blowholes and voids must be fully exposed, prepared and filled with Strizo® EP 637 repair mortar.

Substrate quality All dust, loose and friable material must be completely removed from the surface before application of the product, preferably by brush or vacuum extraction equipment. The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum tensile strength of 1.5 N/mm². Substrate moisture content ≤ 4 % pbw according to CM measurement. No rising moisture according to ASTM (determined with Polyethylene-sheet).

Application conditions	The Relative air Humidity shouldn't exceed 80%. Substrate temperature +10°C min. and +25°C max. The substrate and uncured floor must be at least 3°C above the dew point to reduce the risk of condensation or blooming on the floor finish. Room and material temperature >+15°C and +25°C max.				
Time to handle					
At 10°C	about 30 minutes				
At 20°C	about 20 minutes				
At 30°C	about 15 minutes				
Mixing	Prior to mixing, premix part A mechanically. Add all of part B to part A and mix continuously for 3 minutes by using a low speed electric stirrer (300–400 rpm) until a uniform mix has been achieved. To ensure thorough mixing, pour materials into another container and mix again to achieve a smooth consistent mix. Mix ratio Part A : Part B = 0,725 : 0,275 (by weight).				
Application	Strizo® EP 110 primer can be applied by brush, roller or squeegee.				
Packaging	Available in all standard container sizes				
Overcoatability	At 10°C	after 24 hours			
	At 20°C	after 16 hours			
	At 30°C	after 12 hours			
Storage conditions / Shelf-life	1 year from date of production if stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5°C and +30°C.				
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet of Strizo® EP 110 containing physical, ecological, toxicological and other safety-related data.				
EU-Regulation 2004/42 (Decopaint-directive)	According to EU-directive 2004/42 the maximum allowed content VOC (product category A/j Type sb) of the ready to use product is 500 g/l (stand 2010). The VOC content of Strizo® EP 110 < 140 g/l.				

The information, and, in particular, the recommendations relating to the application and end-use of Strizo products, are given in good faith based on Strizo's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Strizo's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.

All orders are accepted subject to our current terms of sale and delivery.

2/2

Declaration of performance

Annex III of the Regulation (EU) No 305/2011 amended by Commissions delegated Regulation (EU) No 574/2014

Strizo® EP 110
DOP PR110-202006
EN 13813:2002

1. Producttyp	Strizo® EP 110
2. Batchnumber	See packaging of the product
3. Intended use	2 component epoxy primer EN13813: Bfl – s1 - SR - B1.5
4. Manufacturer	Strizo Synthetics bv Keurweg 4 5145 NX Waalwijk
5. Authorized representative	Not relevant
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 4 System 3 Fire classification EFECTIS-R000784/789
7. Notified body/ies	Not relevant
8. European Technical Assessment	Not relevant
9. Certified performances in accordance with harmonized technical specification EN 13813:2002	
Essential Characteristics:	Performance:
Burning behavior	Bfl – s1 1)
Release of corrosive substances	SR
Water absorption	W ₃ Low
Wear resistance	NPD 2)
Adhesive bond	≥ B1.5
Impact resistance	NPD 2)
Depth of impregnation	≥ 5mm
Chemical resistant	NPD
Dangerous substances	NPD
1) Fire classification EFECTIS-R000784/789 tested on trowel/mortar floor systems	
2) No performance determined	
10. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by.	
	
Marty Beijers, R&D, STRIZO Synthetics Waalwijk, 7 september 2020	