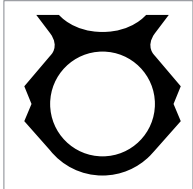




VILTON JOINT SEALING ECS

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EXPANSION

Product Description

The Vilton joint sealing ECS series is a secondary rubber sealing for tunnel structures. The system protects permanent tunnel joints against aggressive liquids released during calamities, such as leakages of fuels or chemicals. The sealing is installed directly beneath the road surface and forms an additional protective layer above the permanent rubber joint sealing. The ECS sealing is manufactured from a specially chemically resistant rubber compound and is resistant to temporary high temperatures occurring during asphalt application (up to 165°C).

Product Characteristics

- Protects permanent tunnel joints during calamities
- High chemical resistance
- Short-term temperature resistant up to 165°C
- Durable watertightness
- Resistant to structural deformation
- Easy to replace
- Long service life

Technical Data

Colour:	Black	
Material:	EPDM	
Tensile strength:	approx. 13 MPa	DIN EN ISO 527
Elongation at break:	approx. 290%	DIN EN ISO 527
Compression set:	DIN ISO 815	
	22 h at 100°C approx. 10%	
	22 h at -25°C approx. 45%	
Shore A:	70 ± 5	DIN ISO 7619-1
	after 7 days at -10°C: +7	DIN 53508
	after 7 days at 100°C: +2	DIN 53508

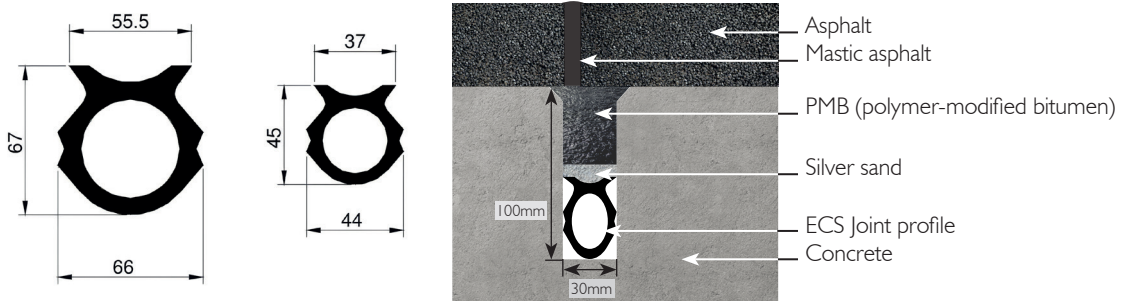


Available Dimensions / Versions

Article	Article Number	Description	Dimension H x B [mm]	Roll Length [m']
ECS 45/44 NBR	VP-ECS4544NBR	Vilton® Voegprofiel ECS 45/44 NBR	67 x 66	20
ECS 67/66 NBR	VP-ECS6766NBR	Vilton® Voegprofiel ECS 67/66 NBR	45 x 44	12

Installation Practical Example

The ECS joint profile is installed in a joint 100 mm deep and 30 mm wide. The gasket is covered with silver sand. The remaining joint is filled with polymer-modified bitumen. Due to deformations of the concrete structure, the joint may widen. After widening to 37 mm and 10 years of use, the gasket still seals against a water pressure of 6 meters water column.



For the installation of the ECS joint profile, special bonding and filling materials are used.



Specifications subject to printing or typographical errors, construction and specification changes.

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