

Always. Reliable. Tight.



110/15 kV Substation, Elva (Estonia)

Cable sealing with cable entries
HSI 90 and HSI 150

Facts



several packages HSI 150-K2 in manhole



double wall insert HSI 150-K2 fixed as a package into the formwork



cable sealing with heat shrink method



cable sealing with SEGMENTO

Project information and solutions provided by Hauff-Technik

Project description	Elva substation was one of the first projects in Estonia where products from Hauff-Technik has been used as sealing standard. Our distribution partner Langeproon Inseneriehitus OÜ was involved in this project from the very beginning. So we were able to supply our HSI system for installation into this substation. Before the construction started our partner visited Elektrilevi, the contractor, and the consulting engineers to help them with the design of the cable entries. Elektrilevi determined that products of Hauff-Technik are the preferred products to seal the cables. Langeproon were also on site right from the start of the construction to support Siemens and to ensure a seamless installation process was achieved. It is another example that our innovations can become approved standard. Also in foreign countries.
Location	Tartu Road 29G Elva Estonia
Building owner	Elektrilevi OÜ
Requirement	Watertight cable seals in manholes and basement walls. Flexible and inexpensive spare openings to retrofit cables and ducts in the future.
Installation company	Siemens OY Estonia (General Contractor) and Manuflex Ehitus OÜ (Construction)
Specification	sealing of medium, low voltage, control and measuring cables
Solution	HSI 150-K2 built into the manholes and basement walls. Several system covers, such as SEGMENTO and HSI 150-D1/80, were used to seal the cables.
Products used	HSI 90-K2 HSI 90-D1/75 HSI 150-K2 HSI 150-D1/80 SEGMENTO HSI 150-S3 SEGMENTO SEG 8/15, SEG 6/21, SEG 3/26