



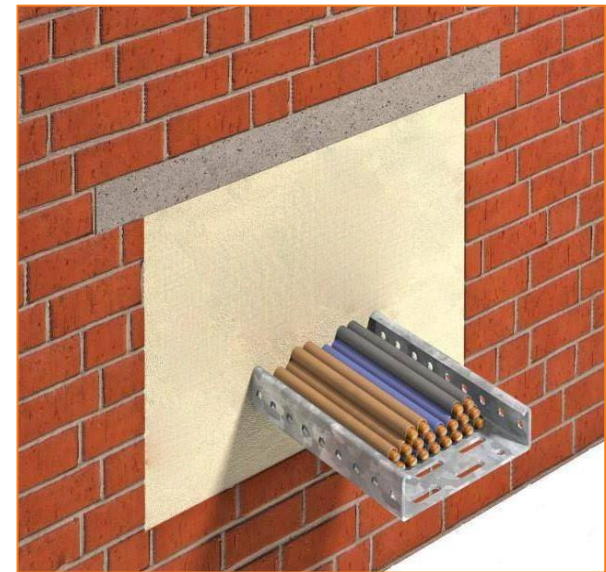
FIRE PROTECTION FOR CABLE PASSAGES AGNI-3S

Fire-retardant cable passage based on the fire-retardant composition **AGNI-3S** is designed for sealing cable intersections through enclosing structures with regulated fire-resistant limits, preventing the spread of combustion into adjacent areas. The fire-retardant structure consists of the fire-retardant composition **AGNI-3S** and the fire-retardant cable coating **AGNI-2S**.

The fire-retardant cable passage AGNI-3S, in combination with the coating composition AGNI-2S, complies with the requirements of GOST-R 53310-2009 "Cable passages, sealed entries, and busway openings".

TECHNICAL INDICATORS:

- Applied within the entire range of fire-retardant limits from IET45 to IET240;
- Easy installation (driven type);
- Universal (vertical, horizontal, diagonal);
- The dry mixture is mixed with water in a 1:1 ratio, followed by "driving in" the prepared composition into the cable passage;
- Low consumption (2.3 m³ of filler with 1000 kg of composition);
- Withstands atmospheric influences, temperature variations;
- Does not emit gases in case of fire;
- Easy repair;
- Service life up to 30 years;
- Reasonable cost;



COMPARISON AND ADVANTAGES

Currently, in the market for protection against the spread of fires through cable and busway passages, solutions from companies **HILTI** and **Promat** are predominantly leading. Following them are solutions from domestic manufacturers based on mineral wool panels with complete filling of openings using expanding compositions.

The composition AGNI-3S has incorporated all the advantages of formulations from Western companies and eliminates the drawbacks of mineral wool solutions.

Parameter	Hilti Promat	Min. wool	AGNI-3S
Fire resistance limit	IET 240	IET 180	IET 240
Ease of installation	+	+	+
Universality	+	-	+
Ease of maintenance	+	+	+
Service life	Up to 30 years	Up to 20 years	Up to 30 years
Cost	-	+	+

Composition **AGNI-3S** is used for the protection of cable lines and other engineering communications in all civil and industrial facilities.



Manufacturing facilities



Residential buildings



Administrative buildings



Shopping centers



Airports / railway stations



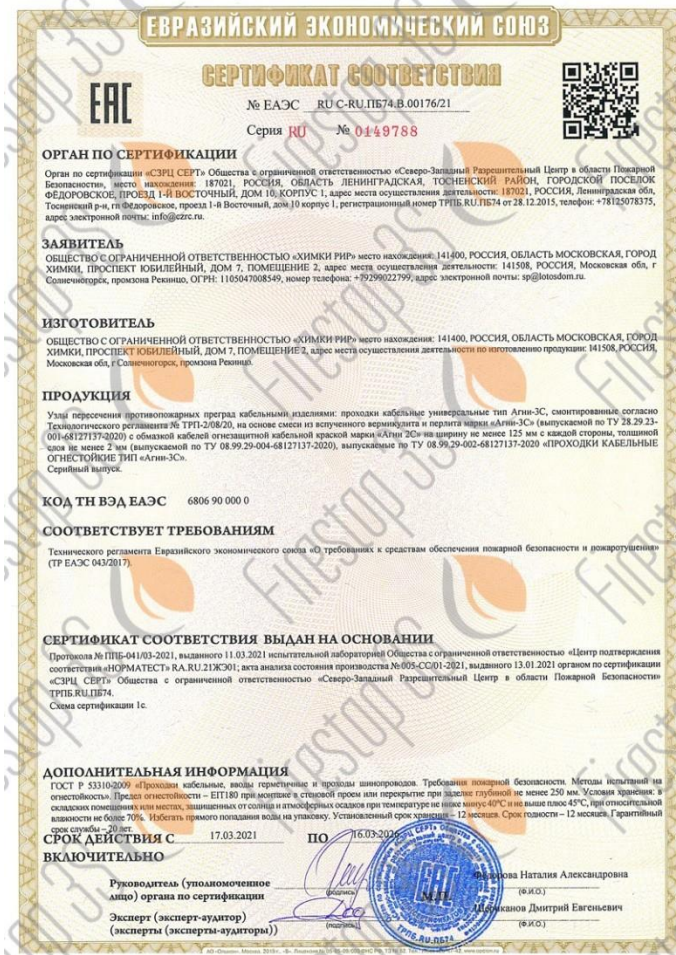
Oil and gas sector facilities



AGNI-3S

CERTIFICATION TESTS

Fire protection for cable passages **AGNI-3S** has successfully passed certification tests at the fire testing laboratory of the Northwest Permitting Center, where the highly effective fire-retardant properties of the composition were confirmed according to the new TR EAEU 043-2017.





THANK YOU FOR YOUR ATTENTION!

