

PLAMMAL-S

Fire Protection Compound for fire protection of electric cables

Field of application:

Plammal-S is a pastelike compound for fire protection which is applied over electric cables and installations as protection against external fire, for prevention of spreading the fire through electric cables as well as protection against self-ignition due to their overcharging.

Properties:

- White-grey pastelike compound based on highly fire-resistant binders and with fire-resistant fillers;
- Resistant to atmospheric effects;
- Elastic and possesses big adhesiveness to the substrate;
- Acts inhibiting to spreading of flame over horizontally and vertically placed electric cables;
- In case of fire, it delays the time for reaching a critical temperature for electric installations;
- Reduces the emission of toxical gases in case of a fire;

Technical features:

Appearance:	white-grey paste
Density:	1,55-1,65 kg/dm ³
Shelf distinguish fire:	within 5-12 seconds

Application:

Prior to the application of Plammal-S, the electric cables should be dry and clean. Placement is performed by spraying with pumps or manually by using a brush or else cable laying in a beforehand-prepared screed made of mineral fabric. The time gap between the application of two consecutive layers should be 24 hours. The drylayer thickness of the coating amounts to 2,0-2,5 mm. Temperature at placement should be between 5°C and 30°C. For treatment of penetrations through walls use Plammal-S in combination with mineral wool.

Effects due to incorrect placement:

If the substrate has not been properly prepared according to the prescribed requirements, a danger occurs for the Plammal-S not to adhere sufficiently to the substrate so that later on it is possible for the applied layer to fall off.

Particular attention should be paid to the temperature conditions of the environment in the period of application. Coatings should be applied within the anticipated temperature range.

Consumption:

For a drylayer thickness of 4-5 mm: 5-7 kg/m²

Packing:

In plastic cans of 4 and 20 kg.

Storage:

In original packing at a temperature from 5°C to 30°C. Shelf life 12 months.

Health hazard: It is necessary to provide permanent ventilation of premises in which the system is applied. Obligatory use of protective gloves, goggles and masks.

Fire: Plammal-S is non-flammable.

Cleaning and discarding: Cleaning the tools and equipment from residues of Plammal-S is with water. The old and used packing should be discarded in accordance with the local relevant regulations for that kind of waste.