



**chemical
products**
insulation solutions

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TECHNICAL DATASHEET OF FIRE PROTECTION INSULATION SYSTEM **ISOLSTOP FIRE 60**

For round horizontal and vertical air-ducts for heating, ventilation and air-conditioning
(HVAC)

Name of the product: **ISOLSTOP FIRE 60**

Thickness:	40 mm +/- 3 mm
Dimensions:	1000x6000x40 mm
Density:	60 kg /m³
Facing:	Aluminum foil
Fire protection:	
➤ Minimum 60 minutes for round vertical air-ducts	
➤ Minimum 60 minutes for round horizontal air-ducts	
Thermal conductivity - λ 10 °C	<i>max. 0,035 W/mK</i>
Fire classification (EN 13501)	<i>(A1) Non-flammable</i>
Melting point	<i>> 1000°C</i>

• DESCRIPTION OF THE SYSTEM

The insulation system for fire protection of round horizontal and vertical air-ducts with fire resistance of minimum **60 minutes for round vertical and minimum 90 minutes for round horizontal air-ducts**. The system produced by Chemical products Ltd. is a single layer insulation of mineral stone wool lamella mats faced with aluminum foil **ISOLLAM 60 AL**, with density 60 kg/m³ and thickness 40 mm. It is fixed to the air-duct with welding pins (nails) and wired mesh.

• REACTION TO FIRE CLASSIFICATION

The system **ISOLSTOP FIRE 60** provides **minimum 60 minutes** fire resistance for round vertical and **minimum 90 minutes fire resistance** for round horizontal air-ducts is developed on the basis of mineral stone wool with density 60 kg/m³, thickness 40mm and has fire class A1.

• FACING

Aluminum foil reinforced with fiberglass mesh, made from Lenzing Plastics GmbH & Co KG.