

Fire-rated protection for metal rods

DESCRIPTION

AF PSR 90 and AF PSR 120 are fire rated elements designed to grant respectively R 90 and R 120 to metal rods.

They are constituted of two highly concentrated rock-wool cylindrical structures. The inner layer is treated with a special component that contains crystalized water molecules.

When a fire occurs, this ablative coating releases water steam that helps keeping low the temperature of the metal rod.

CHARACTERISTICS

	PSR 120	PSR 90
Weight:	100 kg/m ³	100 kg/m ³
Average thickness:	30+30mm	30+40mm
Diameter of the inner cupel layer A:	35mm	35mm
Diameter of the external layer B:	102mm	140mm
External diameter:	162mm	182mm
Internal diameter of the cover protection:	194mm	194mm
External diameter of the cover protection:	334mm	334mm
Length of the cupel:	400mm	400mm
Length of the cover protection:	1200 mm	1200 mm
Weight (A+B)	3,00 kg/m	2,5 kg/m

PACKAGING AND STORAGE

The product is supplied on pallets.

The product must be kept in a closed place away from moisture and weathering.

WARNING

Product for professional use.

Always wear gloves and safety glasses when handling and installing the material.

FIELD OF APPLICATION

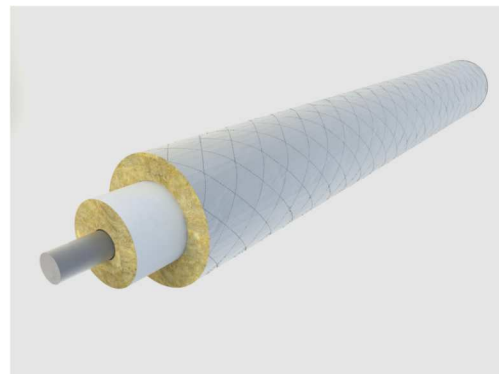
1. Open **AF PSR 90/120** at its longitudinal section
2. Place it around the metal rod
3. Repeat the operation by using and ensure to offset the transversal and longitudinal edges
4. Secure the whole system with a steel braided wire or alternatively install a steel shell which thickness is 4/10mm

SPECIFICATIONS

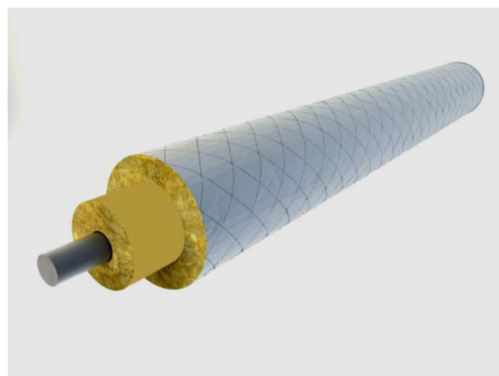
Supply and installation of the system **AF PSR 90 / 120**. The system consists of two high density concentrated rock-wool elements. For a R 120 protection, the inner layer is covered with the product **AF SEAL T** and the outer one is provided with an aluminum coating. The system has been designed to grant R 90 / R 120 to metal rods.

CERTIFICATIONS

Class R 90 / R 120 Metal rods on evaluation <350 ° C



AF PSR 120



AF PSR 90