

# AF PSR 120

*Fireproof cupels protecting metal rods*



## DESCRIPTION

**AF PSR 120** cupels consist of two concentric bodies made of high density rock wool. The inner cupel is treated on the surface with a special ablative product to lower temperatures.

AF PSR 120 cupels are designed for fire protection of tie rods.

The external cupel is coated with a layer of wired aluminium.

## DIRECT APPLICATION

Tie rod protection

## FEATURES

	PSR 120
Specific insulating weight:	100 kg/m <sup>3</sup>
Inside diameter of cupel A:	35 mm
Outside diameter of cupel A:	95 mm
Inside diameter of cupel B:	102 mm
Outside diameter of cupel B:	162 mm
Inside diameter of cover protection:	194 mm
Outside diameter of cover protection:	334 mm
Cupel length:	1200 mm
Cover protection length:	400 mm
Cupel weight (A+B):	2.98 kg/m
Reaction to fire:	Class A <sub>1</sub> EN 13501-1

## PACKAGING AND STORAGE

On pallets

The product remains unaltered if stored in a closed environment away from humidity and direct exposure to atmospheric agents.

## APPLICATION METHOD

1. Widen the inside cupel (smaller diameter) at the longitudinal cut;
2. Insert the cupel on the tie rod;
3. Repeat the operation with the outside cupel, offsetting the transversal joints;
4. Fix it with twisted steel wire or apply a steel cupel 4/10 mm thick.

## SPECIFICATION

Supply and application of **AF PSR 120** system, consisting of two concentric mineral wool cupels with total thickness of 60 mm, the inside cupel treated with **AF SEAL T1** ablative product and the outside cupel coated with aluminium foil, for R 120 protection of steel tie rods.

## CERTIFICATIONS

Class R 120

*test reports critical temperature assessment on the tie rod under Eurocode 3 class 4 profiles ( $T \leq 350^{\circ}\text{C}$ )*

