

# TECHNO-COAT HT 1100 TECHNO-COAT HT 1100 SF

(Coating for Combustion Chambers)

## Product information

**TECHNO-COAT HT 1100** is used for the colouring of ceramic stove lining, e.g. vermiculite or refractory bricks. At the same time **TECHNO-COAT HT 1100** leads to a hardening of the surface.

**TECHNO-COAT HT 1100** is a dispersion of ceramic raw materials based on water. The dispersion is strong alkaline and contains no organics.

After the application **TECHNO-COAT HT 1100** is thermally resistant up to 1100 °C.

## Application:

The container needs to be well shaken before use. Please ensure that the content is mixed fully. After shaking, fill the desired quantity in a plastic pan. A short hair paint roller (velour) has been proven best to lay on the coating. For the edges and groovings a commercial paint-brush can be used. For spraying please use the **TECHNO-COAT HT 1100 SF** only.

After covering the combustion chamber lining needs to be dried at room temperature for several hours.

## The following standard colours are available:



**TECHNO-COAT HT 1100** is delivered in 2,5 l plastic containers, each holding 4,0 kg each.

The coverage is approx. 10 – 12 m<sup>2</sup> per container.

**TECHNO-COAT HT 1100 SF** is delivered in 25 kg cans.

**Storage:** Protect against frost.

**TECHNO-COAT HT 1100 / TECHNO-COAT HT 1100 SF** can be stored about 6 months in the original package.

- (1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
- (2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
- (3) Heat transmission calculations for this material can be requested from our Engineering department.

**The information contained in this publication serves only for purposes of clarification, and is not intended to form the basis of contractual obligations.**

Further information and advice on specific details of the products described can be obtained in writing from Techno-Physik Eng. GmbH (Germany). The TechnoPhysik Group is consistently running product development programmes and reserves the right to modify product specifications at any time without notice. The customer/user is thus always obliged to ensure that the material form Techno-Physik Eng. GmbH is suitable for his specific purposes. The specified values are average figures determined from current production and are intended only for information. Warranty claims cannot be derived from these figures. We recommend to test the material for your application.

Sales via any company in the TechnoPhysik Group are subject to the General Terms and Conditions of Sale of the respective company, a copy of which is available on request.



## Safety instructions:

Safety clothing such as hand gloves and safety glasses should be considered.

The dispersion must be stored at temperatures above +5 °C to avoid freezing.

## R-phrases:

- 38 Irritating to skin
- 36 Irritating to eyes

## S-phrases:

- 24/25 Avoid contact with skin or eyes
- 26/27 After contact with eyes, rinse immediately with plenty of water, seek medical advice. Remove contaminated clothing.
- 28 After contact with skin, wash immediately
- 37/39 Wear suitable gloves and eye/face protection.