

Application of Ceracoat anti-flames/fire protectant

01.09.2014



CERACOAT GROUP – Flawilerstrasse 31 – CH 9500 WIL - Switzerland
Fon : +41 71 288 17 17 / E-Mail: info@ceracoat.me / Web: www.ceracoat.me

CERACOAT Fire Protection

The **new** Generation of Fire Protection

- non-toxic
- highly effective
- water soluble
- colorless
- odorless
- environmentally
- prevents re-flare

CERACOAT Fire Protection is a fire inhibitory and fire protecting additive, which can be customized to various materials and products and applied on them.

Application: Has to be sprayed on the dry and clean absorbent surface (wood, paper, textile) and then, just let it dry

Product Information: active components and active substances

CERACOAT Fire Protection contains Mono Ammonium Phosphates, which penetrate through a micro-emulsion in different materials. The chemical composition of CERACOAT Fire Protection allows the penetration even in hard usable materials. After evaporation of the liquid material, there remain essential substances, which proved to be very stable, in the treated material. Long-term tests have shown, that the protection persists, unless the treated materials are subjected to high moisture exposure over long periods.

Effect: The active ingredients of CERACOAT Fire Protection are absorbed by the material. They remain inactive, until the material is exposed to a temperature of ca. 250°C. At this temperature CERACOAT Fire Protection is activated and absorbs the heat, acts with an endothermic effect.

Preventive – Application of CERACOAT Fire Protection

Where fire is prevented from arising, it will not be necessary to clear a developed fire.

Whether it is wood, paper, paperboard or textiles, with CERACOAT Fire Protection you can get a lot of different materials highly flammable or even non-flammable.

Fire Protection in the Household: CERACOAT Fire Protection can also be sprayed on thin wood, paper, paperboard and textiles, on all absorbent natural materials. Where fire is prevented from arising, it will not be necessary to clear a developed fire.

CERACOAT Fire Protection for Christmas Trees

At Christmas time, anywhere Advent wreaths and Christmas trees will be set up. Each year apartment fires arise through carelessness. Through fire and deletion are frequently caused very high losses. To prevent this, it exists now the CERACOAT Fire Protection Spray! A lasting and effective fire protection will be achieved with the spraying of Christmas trees and Advent wreaths with CERACOAT Fire Protection.

Fire Protection of Textiles: Absorbent textiles of various natural fibers are suitable for the treatment. A high proportion of synthetic fibers or the use of special production coating may lead to inadequate absorption or impossibility of impregnation. It is recommended to test the material before large-scale treatment with CERACOAT Fire Protection for color change and staining. The impregnation can lead to a stiffening of the material.

Fire Protection for Wood Construction:

The new CERACOAT Fire Protection, completely non-toxic, yet highly effective, was developed especially for the preventive treatment against starting fire in wood construction.

1. Operation: clean of dust and dirt raw pieces of wood (unpainted), fill the fire protection in a spray gun, spray the parts about 15-20cm from all sides well and let dry for about 20 minutes.

2. Operation: spray again from the opposite direction and let dry. A slightly off-white film in the dry condition can be caused by salt crystals.

Attention: Product is water soluble. After washing the treated materials it is imperative that a new treatment must be made.

