

ETERNAL® křemičité plnivo

Serial Number 1301

bulk silica filler for the preparation of self-leveling materials and to increase the roughness of treated surface

Features:

ETERNAL křemičité plnivo is made from sorted silica sand. It is characterized by high purity and hardness.

Usage:

ETERNAL křemičité plnivo is designed as a self-leveling smoothing compound in combination with the product **ETERNAL na beton KOMFORT**. It is appropriate for increasing the roughness of surface of coated concrete floors of basements, garages, workshops, stores, warehouses, exhibition spaces, etc. It can be used when applying coats on facades. It can also be used in different kinds of applications, which require a high purity hard inert filler, and which require the grain.

Technical data:

Density	2,65 g/cm ³
Bulk density	1,5 kg/dm ³
Grain	0,10–0,63 mm

Consumption:

Self-leveling material:	1 kg/1 kg ETERNAL na beton KOMFORT
Roughen the surface of the coated area:	0,05–0,20 kg/1 kg coating

Packaging:

4,8 kg plastic containers

Storage:

Store (in the original unopened packaging) between 5–25 °C.

Application:

When preparing the self-leveling smoothing compound **ETERNAL křemičité plnivo**, after proper mixing (e.g. electric drill), it is slowly poured into the paint mixture **ETERNAL na beton KOMFORT** (in a ratio of 1 : 1) and stirred again for 5 minutes. The prepared mass is left to stand for 5 minutes and after a short mixing is ready for application. It can be applied when ambient and substrate temperatures are in range from 10 °C to 30 °C. Apply coats on solid, dry and clean surface, free from greasy and waxy stains. Lower temperatures extend the drying time. The material is poured on the floor and spread by a stainless-steel trowel in a thickness of 1–3 mm. It is always necessary to prepare only the amount of material that can be used within 2 hours. It is also necessary to consider the fact that towards the end of the time, the remaining material will not have ideal self-leveling properties. The finish is capable of bearing loads after 5–7 days of maturing. **ETERNAL křemičité plnivo** can be used for increasing of the surface roughness of floor coatings (e.g. **ETERNAL stabil**, **ETERNAL epoxy stabil**, **ETERNAL rop-izol**, **ETERNAL na bazény**) either by applying wet paint as a coat or by mixing with the paint (about 5–20 % by weight). In both cases, it is necessary to paint over the layer of the paint itself according to the instructions on the packaging. Another possible kind of application is to add the mixture of filler **ETERNAL křemičité plnivo** into facade paints (e.g. **ETERNAL elast**) in the amount of up to 20 % by weight to achieve a significant structure on the appearance of facades. Used tools should be washed

with water after the work is finished. When applying, it is recommended to read the information on the product data sheet.

Certification:

TZÚS Prague Authorized Person No. 204

Waste disposal:

Hand in the emptied packaging in the sorted waste bins for plastics.

Safety and hygiene at work:

When following basic hygiene rules **ETERNAL křemičité plnivo** is not a health hazard. It is necessary to use suitable protective clothing, gloves and goggles. Wash skin with soap and water, in case of contact with eyes, flush immediately with water. If irritation does not stop, seek medical help. Details are provided in the safety data sheet of the product.