

Boiler Plaster

Description

A fibrous insulation plaster with good adhesive properties. Suitable for use indoors and outdoors and does not pose a health risk since it is asbestos free and contains no hazardous materials. The workability enables a smooth, weather-resistant finish which can be painted after the plaster has dried.

Purpose

To create an insulating layer around boilers.

Types

Supplied in one type only.

Specifying

"Apply Cemcrete Insulating Boiler Plaster in accordance with the manufacturer's instructions."

Applications

The product can be sprayed, trowelled or applied by hand in special circumstances. The plaster can be applied over fibre insulation or other plaster, provided the substrata has been covered with wire mesh.

Technical Data

Bulk density (approximate) : g/ml

Dry plaster 1.3

Wet plaster 1.7

Cured plaster 1.3

Operating temperature (short periods) up to 1000°C

Thermal conductivity W/(M°K) 0.6

Chemical properties (indicative) %

CaO 10.0

MgO 1.8

SiO₂ 60.0

Fe₂O₃ 2.0

Al₂O₃ 23.0

K₂O 0.1

LoI 3.0

Site Work

Storage

Can be stored in a dry shed off the floor on wooden slats for 6 months.

Weather

Do not apply to exteriors if rain is expected or if there is a risk of frost.

Application

Spraying:

Add dry plaster to 50 - 60% by mass clean water and mix thoroughly. Spray the plaster onto the surface using a Putzmeister or Speidel type pump. Do not build the plaster too thick in a single pass. A thickness of 6mm per pass is recommended. If more than one coat is to be sprayed, scratch to roughen each coat and allow to dry before applying the next.

Plastering:

Add dry plaster to 50 - 60% by mass clean water and mix thoroughly. Adjust the mix to the desired consistency by varying the water. Apply one or two coats of between 5 to 8 mm thick each. Scratch or roughen the first coat after application. Allow to dry before applying the second coat.

Coverage

1m²/40kg when applied 20mm thick.

Packaging

Available as a dry mix in 40 kg plastic bags.

Technical Information

Cemcrete provides a free comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology.

Head Office
8 Telford Street, Industria
Tel. (011) 474-2415
Fax (011) 474-2416
info@cemcrete.co.za
www.cemcrete.co.za

Gauteng; Mpumulanga
Gareth Beaven
082 566-3107
gareth@cemcrete.co.za

North West Province;
Limpopo; Botswana;
Mozambique
Andre van Eck
083 305-6313
andreve@cemcrete.co.za

Kwa-Zulu Natal; Free State
Dave Rose
082 894-4635
Tel./Fax (031) 903-1374
dave@cemcrete.co.za

Eastern, Western &
Northern Cape; Namibia
Sean Cloete
073 251-4861
Tel. (021) 911-0200
Fax (021) 930-2738
sean@cemcrete.co.za