

OLIVÉ 1200°C

REFRACTORY PUTTY

Technical Data Sheet - Version 2.2 - December '19



PRODUCT DESCRIPTION:

OLIVÉ 1200°C is a refractory putty, one part, high quality fireproof sealant that resists high temperatures and direct flame.

OLIVÉ 1200°C has excellent adhesion to a wide range of porous or non-porous surfaces near or in direct contact with the fire.

MAIN BENEFITS:

- High temperatures and fire resistant up to 1200°C.
- Suitable for metals.
- High thixotropy.
- Excellent adhesion to a wide range of substrates without priming.
- UV radiation and weather resistant.
- Great filling capacity.
- Ready for use.
- Do not apply in situations where constant water immersion is possible.

ENVIRONMENTAL REGULATIONS:

- French VOC-emission class A+.
- Conforms to LEED® IEQ-credits 4.1 (Indoor Environmental Quality) adhesives and sealants.

PACKAGING INFORMATION:

This product is available in 300ml cartridges. Other packaging is available under request.

COLOURS INFORMATION:

Black.

STORAGE:

The shelf life is 9 months in its unopened original packaging, in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

FIELDS OF APPLICATION:



OLIVÉ 1200°C is specifically recommended for filling or repairing cracks and sealing of joints and openings requiring heat or direct-fire resistance:

- Joint of fire bricks.
- Joint brick and metal or metal-metal.
- Installation and assembly of heating systems like furnaces, barbecues, chimneys, etc.

OLIVÉ 1200°C has an excellent adherence on surfaces like concrete, metal, foundry and fire brick.

TYPICAL TECHNICAL DATA:

Appearance:	Refractory putty
Consistency:	Thixotropic paste
Specific gravity:	Approx. 1,90 g/ml
Skin forming time:	Approx. 20-40 minutes (at 23°C; 50% H.R.)
Granulometry:	100 micron
Consumption:	1,9 Kg/m ² (for a joint of 1 mm)
Classification:	PRE Class B
Application temperature:	+5°C to +40°C
Service temperature:	Up to 1200°C
Chemical analysis:	
Al ₂ O ₃ :	39 – 42 %
SiO ₂ :	49 – 52 %
Fe ₂ O ₃ :	0,9 %
Physical features:	
Sieve rejection 0,10 mm	< 15%
pH	10 – 11,5

These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. The time until complete curing may be extended at lower temperature, lower humidity or increasing film thickness.

DIRECTIONS FOR USE:

Surface preparation and putty application:

A. Cleaning and joint preparation:

Substrates (joint flanks) must be clean, dry, and free of dust, grease and other contaminant which may affect the adhesion. Non-porous surfaces (such as aluminium, glass, etc.) should be cleaned with a suitable cleanser and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles. Mask off the joint edges, if necessary.

B. Inserting backing material:

Use the closed cell polyethylene backer foam OLIVÉ CORDÓN PE as a back-up material to limit the sealant joint depth and avoid the putty to adhere to the joint base. Choose the right backing strip diameter (at least 25% wider than the joint width).

C. Putty application:

After substrate preparation, apply the refractory putty with a professional caulking gun and press evenly and without bubbles. Observe the eventually used primer's open time before filling the joint.

D. Tooling and finishing:

The joint should be tooled and smoothed before skin formation. Press the putty and smooth it ensuring good contact with the surfaces to seal. Use a putty knife or neutral soapy water as a tooling agent. Remove masking tape, if it's been used, and let the putty dry. Uncured product may be easily removed with a cloth dampened with water. Cured sealant must be removed mechanically.

Remarks:

There is no adhesion to PE, PP, PTFE (Teflon®). Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.

The shelf life, after opening the cartridge, is dependent on temperature and humidity. An increase in the temperature and dry air can reduce the lifetime.

OLIVÉ 1200°C can be overpainted.

Not intended for structural glazing.

If product is used such as despite after a certain stored time can produce a decanting. In this case, not to put liquid on the surface and mix until paste is homogenised.

Safety:

It is not hazardous material and does not require special labelling.

Use in well ventilated areas and avoid skin and eye contact.

Keep out of the reach of children.

The information regarding the safety of the product is available on safety data sheet (SDS). Before using the product, we recommend to read carefully the SDS and the safety labels.

GUARANTEE INFORMATION:

Krimelte warrants that its product complies, within its shelf life, to its specification.

If any responsibility were to be considered ours, this would be only for any damages and for the value of the merchandise supplied by us and used by the customer. It is over understood that we warranty the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.

Liability

The information in this document, in particular recommendations regarding the application and final use of our products, are given in good faith based on our knowledge and is the result of tests and experience and are intended as guidelines. It is the responsibility of the user to determine whether the product is suitable for the application. Due to the great variety of materials and conditions, which are beyond our knowledge and control, we recommend carrying out sufficient previous trials.

The property rights of third parties must be respected.

This TDS replaces and supersedes all previous data sheets on the same product.

Olivé

Brand of  Wolf Group



olive-systems.com

Central
Krimelte Iberia S.A.U.

Avda. Bertrán Güell, 78
08850 Gavà (Barcelona)
ESPAÑA
T. (+34) 936 629 911
mail@olivequimica.com

Krimelte France sarl

Zone Industrielle
Rue Pierre et Marie Curie
59147 Gondécourt (Lille)
FRANCE
T. (+33) 3 20 38 25 54
contact@olivegroupe.fr

Krimelte Portugal S.A.

Estrada de Alfragide, Lote 107
Bloco A2-R/C - Edifício Mirante
2610-008 Alfragide - Amadora
PORTUGAL
T. (+351) 214 262 083
geral@olivequimica.pt

Krimelte UK Ltd.

203 The Bridgewater Complex
Canal Street, Liverpool L20 8AH
UNITED KINGDOM
T. (+44) 151 550 0179
orders@olivequimica.com