

THERMOCOLL

Ready to use refractory adhesive. Excellent adhesion to fibrous products, metals and all sort of building materials :

- Fastening of braids (fibreglass or ceramic).
- Fastening of refractory products to cast iron or metal parts exposed to high temperatures.
- Gluing of ducts, sleeves and other refractory products.
- Assembly of firebricks in ovens and heating equipment.

Technical characteristics

Form	:	Paste (does not run)
Colour	:	Black
pH	:	11.5
Viscosity Brookfield RVT-D	:	2300 Pa.s
Density	:	1.8
Solid content	:	71 %
Maximum working temperature	:	1100°C
Grading	:	Non-combustible (does not give off smoke) < 100 µm

Use

Preparation

- Clean the surfaces properly (dust and grease).
- Moisten porous surfaces (brick, etc.).

Instructions for use

- Apply the adhesive to the surface.
- Position the refractory material squashing down the adhesive. Hold the assembly for a few moments.
- To fasten of braids on a heating equipment, apply the adhesive in the groove. Then, apply the braid on the adhesive and hold it for a few moments.
- Allow to dry for 48 hours at 20°C (68°F) and then raise the temperature progressively, but do not allow the surface to come into direct contact with the flame.

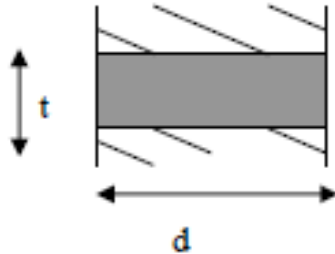
Consumption

Depending on the extruded diameter, a 310 ml cartridge will be sufficient for the following bead lengths (length expressed in metres):

Bead in diameter in mm	3	5	10	13
	43.8	15.7	3.9	2.3

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Depending on the dimensions of the seal and the application, a 310 ml cartridge (approx. 560 g) will be sufficient for sticking the following lengths (the length of the joint is expressed in metres):



**Thickness Depth in mm (d)
in mm (t)**

	5	8	10	20	100	150
1	62.0	38.7	31	15.5	3.1	2.0
2	31.0	19.3	15.5	7.7	1.5	1.0
3	20.6	12.9	10.3	5.1	1.0	0.6
4	15.5	9.6	7.7	3.8	0.7	0.5
5	12.4	7.7	6.2	3.1	0.6	0.4
6	10.3	6.4	5.1	2.5	0.5	0.3

Material cleaning

Clean material with water (hot if possible).

Tip

If the product thickens or to make it easier to apply the product with a brush, the adhesive can be diluted slightly with water

Storage

Store between +5°C (41°F) and +30°C (86°F).

The expiration date marked on the package is measured on unopened product, stored at 20°C (68°F) under normal conditions of humidity.

Comments

Keeping the product at higher temperatures may, in some cases, modify the end characteristics of the product. The product must not be used in contact with water, where there is a lot of moisture or for technical bonding (heavy components, subject to impact and vibration for example) and the thickness of the product must be kept to a minimum (> a few mm). The product is not suitable for sticking glass (insert pane for example) or enamel surfaces.

The adhesive may settle. If so, remove the supernatant or mix the product before use.