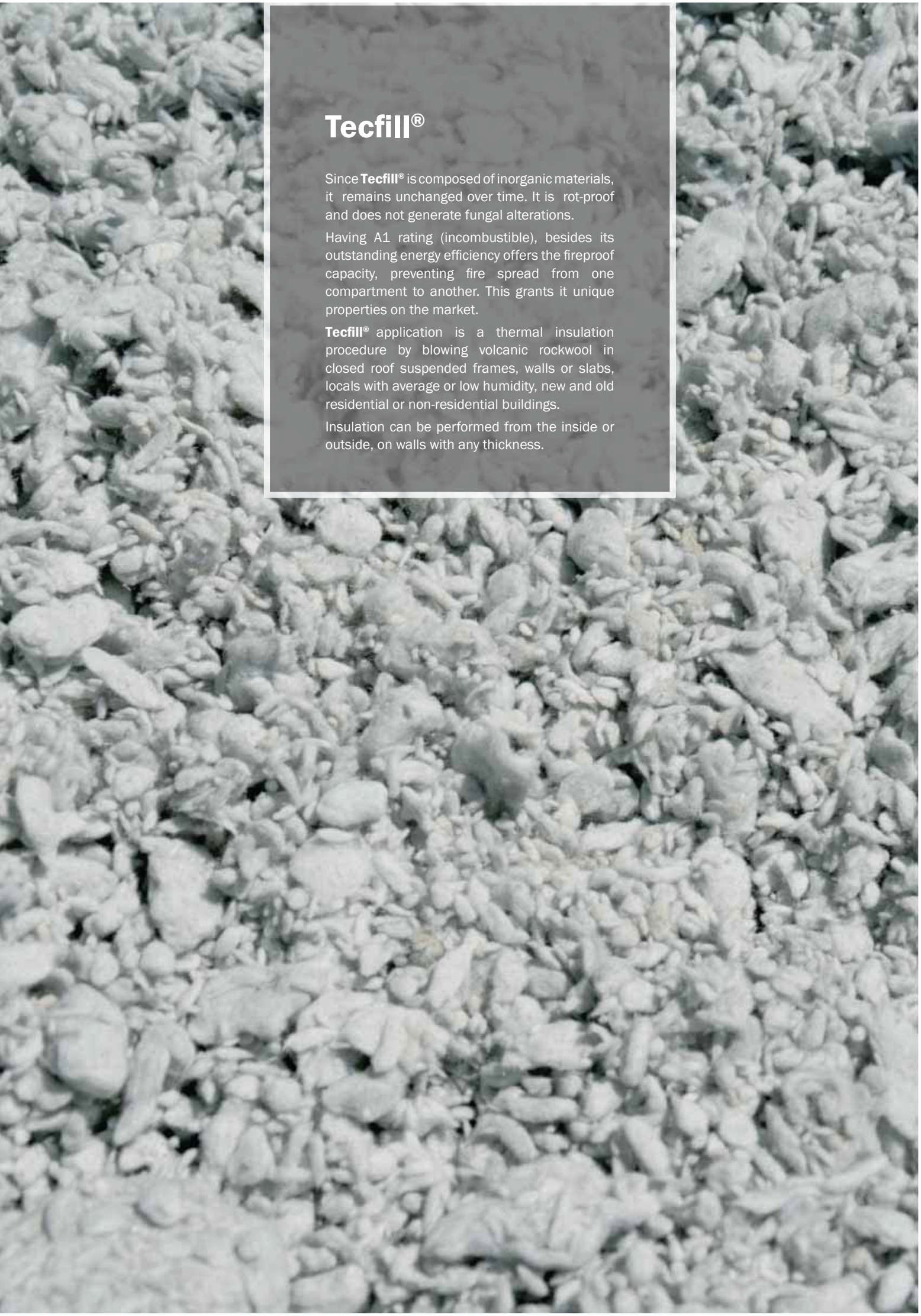


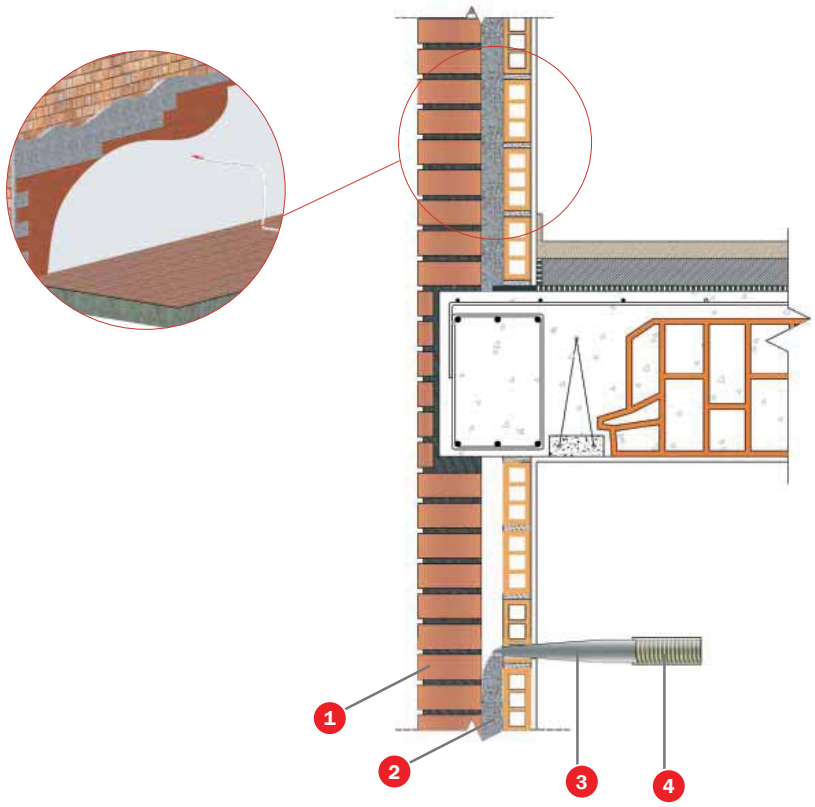
Tecfill®

Since **Tecfill®** is composed of inorganic materials, it remains unchanged over time. It is rot-proof and does not generate fungal alterations.

Having A1 rating (incombustible), besides its outstanding energy efficiency offers the fireproof capacity, preventing fire spread from one compartment to another. This grants it unique properties on the market.

Tecfill® application is a thermal insulation procedure by blowing volcanic rockwool in closed roof suspended frames, walls or slabs, locals with average or low humidity, new and old residential or non-residential buildings.

Insulation can be performed from the inside or outside, on walls with any thickness.



TESTS

Laboratory: CEIS acreditado por ENAC

Test No: CAT0044/15

SOLUTION

1. Ceramic brick
2. **Tecfill®**
3. Blowing noozle
4. Hose

APPLICATION

Tecfill® application is quick and easy, the desired insulation is achieved in very little time, cleanly and without major works. A **mercor** **tecresa®** skilled and accredited worker will perform the installation following the steps below:

1. Check the state of the cavity, veryfing the optimum application conditions.

2. Setting out of the penetration holes which will be done on the support work, guaranting the optimal distribution of the material in the cavity.

3. **Tecfill®** is blown dry, avoiding material waste, stains, drips, etc.

4. Once the cavity is filled with **Tecfill®** the worker will seal the holes of the support work with the most appropriate sealant (concrete, gypsum, mastic, etc.)

The installation worker will adjust the machine in accordance with the required insulation characteristics (thickness, density)

Tecfill® rockwool sacks are emptied in the machine's feed hopper to be blown. The rockwool is pneumatically blown through a hose and a nozzle towards the wall to be insulated. **Tecfill®** is blown through the holes drilled in the facing wall. The blowing hose diameter is 50 mm.

The application nozzle has a diameter of 50 mm, therefore, the hole must be 52 mm.

THERMAL RESISTANCE

Thickness (mm)	R (m²K/W)
30	0,79
40	1,05
50	1,31
60	1,57
70	1,84
80	2,1
90	2,36
100	2,63
110	2,89
120	3,15
130	3,42
140	3,68
150	3,94
160	4,21
170	4,47
180	4,73
190	5
200	5,26