

ICC-ES Evaluation Report


ESR-4539

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<p>DIVISION: 09 00 00— FINISHES</p> <p>Section: 09 00 00— Finishes</p>	<p>REPORT HOLDER:</p> <p>VIPEQ HISPANIA 2008 SL</p>	<p>EVALUATION SUBJECT:</p> <p>VIPEQ® F08 THERMAL CORKSHIELD</p>	
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1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021 and 2018 [International Building Code® \(IBC\)](#)
- 2021 and 2018 [International Residential Code® \(IRC\)](#)

Properties evaluated:

- Weather resistance
- Interior Finish

2.0 USES

VIPEQ® F08 Thermal Corkshield is a spray-applied decorative coating intended for use in interior and exterior applications. The coating can be applied over the surface of corrugated metal siding and cement plaster. VIPEQ® F08 Thermal Corkshield may be installed on buildings of Type V-B construction under the IBC and buildings constructed in accordance with the IRC.

The coating may also be used for interior applications as a Class A interior wall finish in accordance with Chapter 8 of the IBC.

3.0 DESCRIPTION

3.1 General:

VIPEQ® F08 Thermal Corkshield is a two component spray-applied coating comprised of cork particles with a proprietary blend of resin, mineral filler and colorant that is mixed and dispensed from a dispensing system provided by Vipeq Hispania 2008L. The coating is available in a wide range of colors. The coating is available in 12 kg pails, each with a shelf-life of one year in tightly closed containers when stored at temperatures of 28.4°F to 113°F (-2°C to 45°C).

3.2 Surface burning:

When tested at a maximum thickness of 0.12-inch (3 mm) the coating has a flame spread index of 25 or less and a smoke developed index of 450 or less when tested in accordance with ASTM E84. The coating meets the requirements of IBC Section 803.1.1 as a Class A interior finish.

3.3 Water Vapor Transmission:

The coating is vapor permeable and has a water vapor transmission (WVT) of 53.3 perms when tested in accordance with ASTM E96 Procedure A (desiccant method) at a thickness of 0.06-inch (1.5 mm).

3.4 Substrates:

Substrates must be one of the following:

- Exterior or Interior cement plaster complying with the code
- Corrugated metal siding complying with the code

4.0 INSTALLATION

Installation of VIPEQ® F08 Thermal Corkshield must comply with this report and the manufacturer's published installation instructions must be available at the jobsite at all times during installation.

VIPEQ® F08 Thermal Corkshield must be mixed in accordance with the report holder's installation directions. Surfaces to be coated must be dry, clean, and free of dirt, loose debris and other substances that could interfere with the adhesion of the coating. The coating is spray-applied in two layers at a minimum application rate of 0.37 lb./ft² (1.8 kg/m²). The first layer must evenly cover the substrate. The first layer must be dry prior to application of the second layer. The coating must not be applied when the ambient or surface temperature is below 41°F (5°C).

5.0 CONDITIONS OF USE:

The VIPEQ® F08 Thermal Corkshield described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, the manufacturer's published installation instructions, and the applicable code. In the event of a conflict between the manufacturer's published installation instructions and this report, this report governs.
- 5.2 Application must be limited to construction of the specific substrate set forth in Section 3.4.
- 5.3 VIPEQ® F08 Thermal Corkshield is manufactured in Mississauga, Ontario, Canada and Beriain, Spain under a quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with Table 1 of ASTM E2568; ASTM G155, ASTM E2485, ASTM B117, ASTM C297 and ASTM D2247.
- 6.2 Data in accordance with ASTM E84, Standard Test Method for Surface Burning Characteristics of Building Materials.
- 6.3 Data in accordance with ASTM E96, Standard Test Method for Water Vapor Transmission of Materials.

7.0 IDENTIFICATION

- 7.1 Packages of VIPEQ® F08 Thermal Corkshield described in this report are identified by a label bearing the report holder's name (Vipeq Hispania 2008L) and address, product name, color, date of manufacture, production batch number and the evaluation report number (ESR-4539).
- 7.2 The report holder's contact information is the following:

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