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Assessment of decorative film on glass

The glass panes named below can be equipped with decorative film on one or both sides without affecting the fire resistance performance negative.

The decorative film is designated 3M Scotchcal Clearview Graphic 8150 or Orafol Oracal 8300. The decorative film options are described in test report 2014-Efectis-R000838[Rev.1].

The glass panes which can be equipped with decorative film are Pyrobelite 9EG and Pyrobelite 10 for a fire resistance up to maximum 30 minutes and Pyrobel 16, Pyrobel 17N and Pyrobel 25 for a fire resistance up to maximum 60 minutes.

The fire resistance of each of the glass panes is not described in this assessment.

The assessment of the fire resistance of the construction is deemed to meet the level of compliance with the requirements in Boverket's (The Swedish National Board of Housing, Building and Planning) Building Regulations, BBR 29 (BFS 2020:4).

The assessment is based on an analytic design through qualitative assessment according to Boverkets Allmänna råd 1993:2, utgåva 2, "Riktlinjer för typgodkännande brandskydd". (Boverket's General Recommendation 1993:2, edition 2. "Guidelines for fire technical approvals").

This assessment is based on test reports 2014-Efectis-R000838[Rev.1], dated December 2014 from Efectis Nederlands, 12277A dated September 9, 2009 from Warringtonfiregent, 16015A-rev2 dated August 29, 2014, 331776 dated February 20, 2014, 14263A dated April 26, 2010 from Warringtonfiregent and 103010.45, dated May 4. 20'04 from SINTEF.

The assessment shall not be compared with a classification according to EN 13501-2.

This report is a revision and replaces the previous assessment 7P02190rev1 dated June 14, 2019. This revision refers to: Renewal of validity.

This assessment is valid for two years.

RISE Research Institutes of Sweden AB Safety - Fire Research Resistance

Performed by



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