EN 45 545-2: 
CREPIM’S ACCREDITATION

Accredited laboratory for EN 45545

CREPIM is one of the leader European Laboratories for the development and the approval of materials covered by fire regulations.

Located in the heart of Europe, CREPIM tests and develops fire resistant formulas for companies working in the mass transportation sector such as railway, electrical and textile applications, building application ...

Recognized by CERTIFER (SNCF/RATP) and accredited by the COFRAC, the CREPIM edits test report in accordance with the NF F 16-101, NF F 16-102 and EN 45545-2 standards and give you a direct access to the French and European railway market.

CREPIM EN 45545 equipment certified by COFRAC

ISO 5658–2, Lateral Flame Spread – Propagation test

Specimens are held in a vertical orientation and exposed to a gas fired radiant panel and a non-impinging pilot flame. The following parameter is then determined: Critical Heat Flux at Extinguishment - CFE - a measure of how far the flames have travelled across the surface of the specimen.

ISO 5660–1, The cone calorimeter test

A small sample of material is exposed to the irradiance generated by a truncated cone heater. The value which is required is the MARHE which is directly linked to the heat rate release.

ISO 5659–2, Determination of Smoke Opacity

It exposes a material to specified thermal conditions of pyrolysis and combustion in a continuous procedure. The resulting smoke density / time curve is used to calculate the specific optical density figures, which can be used to determine VOF4, Ds4min or Dsmax as required for the specific product function.

Classification:

According to the results and the requirement, the product is HL3 (the best result), HL2, HL1 or downgraded.

CREPIM offers a personalized analysis of your need to deliver the right product to the right market.