



Building material, Furniture & PU foam

We are global market leaders in VOC emission testing. In addition to consulting and testing, we offer CE certifications and product certifications, which ensure that the products automatically comply with various national regulations, voluntary labeling schemes and global sustainability programs such as LEED or BREEAM. We can offer various test to secure safety and performance of your products.

Indoor Climate Emission Testing & Certification

A major factor for the indoor climate is emission from the building material, furniture & PU foam which are used in buildings. Testing of Volatile Organic Compounds (VOCs) makes it possible to comply with European and international legislation on the amount of harmful substances, which are released from products into the indoor climate.

VOCs can pose a serious risk, especially to children. The limitation of VOC emissions from construction products to the indoor climate is the subject of regulations in Belgium, France and Germany. Various voluntary eco-labels and sustainable building programs also define low emission limits for construction products.

Recognitions and approvals

Eurofins Product Testing Denmark A/S is recognized/approved by the following organizations:

- GEV (EMICODE label)
- RTS (M1 label)
- Blauer Engel (Different DE UZ labels)
- GUT (GUT label)
- SCS (For FloorScore and Indoor Air Advantage certifications)
- AFNOR (EU Ecolabel for paints & varnishes / NF Environnement 130 / NF Environnement 446)

VOC emission tests - Regulatory purposes

- German ChemVerbotsV regulation (MVVtB) for coated and uncoated wooden panels
- ABG regulation and AgBB testing protocol (Germany)
- French VOC regulation (étiquetage sanitaire) and regulation on 4 CMR substances
- Belgian regulation (Arrêté royal 08/05/2014)
- Italian regulation CAM Edilizia (Decreto 11/01/2017)
- CE marking of wooden panels: formaldehyde emission test according to EN 717-1

VOC emission tests - Voluntary labels

- Indoor Air comfort (Gold)
- CDPH Section 01350/LEED
- Danish Indoor Climate Label
- M1
- GUT

- EMICODE (EU)
- Blue Angel
- BIFMA
- FloorScore
- CertiPUR

Content tests on wet-applied products (paints, adhesives, primers etc.)

- VOC content tests
 - ISO 11890-2 (EU Decopaint directive 2004/42/CE)
 - ASTM D2369 and SCAQMD Rule 1113 + SCAQMD Rule 1168
- Formaldehyde content tests etc.

Accreditations

- ISO 17025
- ISO 16000-3, -6, -9, -11
- EN 16516
- EN 717-1
- ISO 11890-2
- ASTM D 2369 etc.

