

FIRE RETARDANT REGULATIONS

GENERAL INFORMATION:

- 99% of the Orac Decor® products are produced and installed without fire retardant paint. This is due to the European law declaring that **when a product covers no more than 10% of wall, floor or ceiling surface, it is not subject to strict fire regulations.**
- Orac Decor® products made of Purotouch®, Duropolymer® and Durofoam® have **fire standard E**. This means that the products burn, continue to burn and will not automatically stop burning.
- Orac Decor® products can be protected with a fire retardant paint. There are many types of fire retardant paint that can be used e.g. the fire retardant paint HW01 by company Environmental Seals (UK). More info: www.envirograf.com.
- Orac Decor® products can be painted with any type of paint. The type of paint does not influence the flammability of the product.
- ORAC finalized many prestigious projects around the world where fire regulations were very important. On our website you can find an overview of the most important projects: www.oracdecor.com/en/our-projects
- The decision whether fire retardant paint must be used is down to the fire department.

EUROPEAN NORM EN1350:

- **Purotouch® products** protected with fire retardant paint, obtained the **classification BS2D0**. This means that the **products are suitable to use in places with strict fire regulations, such as main halls, corridors etc.** A copy of the fire certificate is available on request.
 - B - product will burn but extinguishes automatically
 - S2 - indication of the amount of smoke produced during the fire
 - D0 - there will be no dripping
- **Duropolymer® products** protected with fire retardant paint **did not obtain the European certificate.**

BRITISH STANDARD BS476

- Similar tests were executed according to the British standard. Purotouch® and Duropolymer® products protected with fire retardant paint, obtained the BS476 certificate. In other words: **Purotouch® and Duropolymer® products, protected with fire retardant paint, belong to Class 1 according to British standards.** This means that if you put a product in a flame and remove it afterwards, the flame will extinguish automatically. A copy of the certificate is available on demand.

EXTRA INFORMATION

- Temperature after installation always needs to be lower than 70°C.
- Orac Decor[®] products emit CO₂, CO and NO_x while burning.
- **DIN4102** is an old German standard. The classification B2 is about equal to the European classification BS2D0.
- **EN13501** is a general name of a European fire classification for building projects. Within this classification you have different tests (depending on the tested product) such as EN13501-1, EN13501-2 up to the EN13501-5. We did the Single-burning-item test (=EN13823) and the Ignitability-test (=EN ISO 11925-2).
- For sales prices, ask your Orac Decor[®] contact person.