

KERAFIX® FLEXPAN 200 indicative testing on Downlighters

Building Material classification B2 according to DIN 4102-1
Classification E according to DIN EN 13501-1
General building approval Z-19. 11-1369
European technical approval ETA-12/0152

Product Description

Kerafix® Flexpan 200 is a stable intumescent material based on exfoliated graphite which has excellent expansion and thermal properties. Kerafix® Flexpan 200 is a reliable construction material for standard fire rated application.



Benefits

- Forms stable char
- Solid flexible roll material
- activation temperature 170 °C with expansion 28 : 1
- Halogen free



Technical data

- Halogen free
- Material structure: firm, flexible roll
- Raw density (kg/m²) – Ca. 1100
- Reaction onset: at 170°C approximately
- Foaming rate 14 – 28 times (450°C; 30 min, without load)
- Direction of intumescence: three-dimensional
- Produced char: soft, coherent char
- Foaming pressure (N/mm²) at least 0.4
- Thermal conductivity: 0.955 W/mK

Downlighter Indicative Fire Test 1 Kerafix Flexpan 200 – ring



Pre Test



7 mins into test



30 mins into test

**Kerafix Flexpan 200 intumescent ring - 37mm ID x 75mm OD x 1.5mm thick
with 1mm cut out for easy fitting, positioned just above spring clasp**