

CABLE TRAY - E90 FIRE RATING

FIRE PERFORMANCE DECLARATION

Armorduct Systems' Cable Tray has achieved a E90 Fire Rating after carrying out testing in accordance with DIN 4102-12 at FIRES notified Technical Assessment Body (TAB), which is managed in compliance with EN ISO/IEC 17025 and EN ISO/IEC 17065.

Currently there is no dedicated resistance to fire standard for containment products; however, as an alternative DIN 4102-12 can be used. This is a test for electric cable systems that are required to maintain circuit integrity, so is therefore written around and is dependent on the cables themselves, but containment products do feature as a support mechanism to the cable.

During the test the temperature is increased following a standardised fire curve to a temperature of 1000°C for a duration of 90 minutes (the maximum time covered by DIN 4102-12). Armorduct Systems' Cable Tray maintained circuit integrity on cables throughout the test for over 90 minutes, thereby achieving the E90 Fire Rating.

Additionally, Armorduct Systems' Cable Tray is classified as non-flame propagating System Component in accordance with BS EN IEC 61537. Also, it does not initiate or contribute to fire.

Signed for and on behalf of:
Armorduct Systems Ltd



Matthew Ryder
Group Technical Strategist