

ALUMINIUM DECK BOARD FIRE CLASSIFICATION REPORT

MANUFACTURER DECLARATION

The manufacturer states that the complete Synergised aluminium decking system, including the deck boards with their 100 micron Qualicoat powder coating, has been tested to EN 13823, EN 13501 and EN ISO 1716. The boards are manufactured from 6063 T6 aluminium with a powder-coated finish and achieve Euroclass classifications of A1 and A2fl-s1.

IMPORTANT NOTE ON CLASSIFICATION

For decking products, the fire classification is typically reported as A2fl-s1, where the suffix fl denotes flooring products. This differs from A2-s1,d0, which is the classification format commonly used for wall and ceiling products.

The significance of this distinction is that A2fl-s1 is the appropriate Euroclass classification for flooring applications such as balconies, terraces, walkways and external decking systems.

POWDER-COATED FINISH COVERAGE

Based on the manufacturer documentation, the tested product includes the powder-coated aluminium deck boards as supplied. Therefore, the declared fire performance covers the coated board system rather than bare aluminium alone.

SPECIFICATION STATEMENT

Synergised aluminium decking, manufactured from powder-coated 6063 T6 aluminium, tested to EN 13823, EN 13501 and EN ISO 1716, achieving Euroclass A2fl-s1 classification for flooring applications.

Whilst every effort has been made to ensure the accuracy of the information supplied, F.H.Brundle cannot be held responsible for any errors or omissions. This product must only be employed for its original intended use. Any other use is wrong and potentially dangerous. Installation must be carried out in full compliance with current regulations. F.H.Brundle cannot be held liable for any damages resulting from wrongful, erroneous or negligent use.

