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## CERTIFICATE OF APPROVAL

### No CF 5613

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This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

## TWINPLAST LTD

Unit 7 Woodside Estate, Humphreys Road, Dunstable, LU5 4TP  
United Kingdom

Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

**CERTIFIED PRODUCT**  
"Twinplast FR"

Extruded fluted  
polypropylene sheet

**TECHNICAL SCHEDULE**  
TS 63 Reaction To Fire  
Requirements, Materials Used  
As Temporary Protective  
Coverings

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 4<sup>th</sup> December 2017  
Reissued: 30<sup>th</sup> May 2023  
Valid to: 29<sup>th</sup> May 2028





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## CERTIFICATE No CF 5613

### TWINPLAST LTD

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#### Twinplast Ltd's "Twinplast FR"

#### Extruded Fluted Polypropylene Temporary Protective Covering

This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.

#### Twinplast Ltd's "Twinplast FR": Temporary Protective Covering

1. This approval relates to the use of the above temporary protective covering. The product has shown a fire performance which should ensure that when the temporary protective covering is in use during building construction or refurbishment, it should not significantly add to the fire risk.
2. This approval does not cover other features required of protective coverings such as resistance to abrasion or liquid absorption.
3. The approval does not relate to the durability of fire performance if the protective covering is used repeatedly.
4. The temporary protective covering is approved on the basis of:
  - i. Initial type testing
  - ii. Audit testing at the frequency specified in TS63
  - iii. Inspection and surveillance of factory production control
  - iv. ISO 9001
5. This approval is applicable to the following range(s) of Twinplast Ltd's temporary protective coverings:

**"Twinplast FR"**
6. The temporary protective covering shall be fixed in accordance with manufacturers instructions.
7. Markings to the CERTIFIRE design referencing Twinplast Ltd's **"Twinplast FR"**. CERTIFIRE and CERTIFIRE Ref. No. CF5613 shall be affixed to the protective covering in the prescribed position.
8. This approval relates to ongoing production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application when appropriate.



## CERTIFICATE No CF 5613

### TWINPLAST LTD

#### Approved Manufacturing Location

Twinplast Ltd, Unit 7 Woodside Estate, Humphreys Road, Dunstable, LU5 4TP

#### Test Data "Twinplast FR"

Test	2mm Black	2mm Natural	2mm Black	5mm Black	5mm Natural	2mm Transparent (alternative FR)
BS 476: Part 12 – Source C	392835	390682	506684	507924	507928	530071
BS 476: Part 12 – Source D	392836	390685	506685	507925	507930	529691
ISO 4589-2, Oxygen Index	392837	390689	506686	507926	507931	524464
TS 63, Smoke and Toxic Fume	397106	390692	506687	507927	507932	530073

#### Product information

Generic type	Extruded polypropylene board
Product reference	Twinplast FR
Name of manufacturer	Twinplast Ltd
Thickness	2mm to 5mm
Weight per unit area	250g/m <sup>2</sup> to 1050g/m <sup>2</sup>
Colour	Natural Translucent or Black
Flame retardant details	See Note 1 below
Brief description of manufacturing process	Extrusion

#### Alternative FR

General description / generic type	Polypropylene corrugated board
Product reference	Twinplast FR
Detailed description / composition details	See Note 1 below
Name of manufacturer	Twinplast Ltd
Thickness	2mm
Weight per unit area	250g/m <sup>2</sup>
Colour	Transparent
Flame retardant details	See Note 1 below
Brief description of manufacturing process	Extruded polypropylene board

Note 1: The sponsor of the test has provided this information but at the specific request of the sponsor, these details have been omitted from the report and are instead held on the confidential file relating to this investigation