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## CERTIFICATE OF APPROVAL

### No CF 5238

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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

**VEFA PREFABRIKE YAPILAR SANAYI TIC AS**  
**E-5 YANYOL CAD.**  
**No:180 34896 ALTKAYNARCA-PENDIK, ISTANBUL, TURKEY**  
**Tel: +90 (216) 390 4777 Fax: +90 (216) 354 6555**

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

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#### CERTIFIED PRODUCT

Separating Elements

#### TECHNICAL SCHEDULE

TS 49

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight  
Chairman - Management Council  
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Issued: 14<sup>th</sup> April 2014  
Valid to: 13<sup>th</sup> April 2019



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## CERTIFICATE No CF 5238

### VEFA PREFABRIKE YAPILAR SANAYI TIC AS

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#### Vefa Prefabrike Yapilar San Tic AS. – Insulated Panel for Vefa living quarter container

1. This approval relates to the use of the above Insulated Panel for Vefa living quarter container in providing a fire resistance performance of up to 20 minutes insulation, and 60 minutes integrity, as defined in BS 476: Part 22: 1987.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
3. The partitions are approved on the basis of:
  - i) Initial type testing
  - ii) Audit testing at the frequency specified in TS49
  - iii) A design appraisal against TS49
  - iv) Inspection and surveillance of factory production control
  - v) Certification of Quality Management Systems to ISO 9001:2008
4. One variation of the non-loadbearing Insulated Panel for Vefa living quarter container comprise double skin metal faced insulating panels with a 50 mm rock wool core (density 100 kg/m<sup>3</sup>) and profiled galvanised iron skins, thickness of the skins 0.4 mm.
5. Another variation of the non-loadbearing Insulated Panel for Vefa living quarter container comprise double faced insulating panels with a 50 mm rock wool core (density 100 kg/m<sup>3</sup>) and an outer profiled galvanised iron skin, thickness 0.4 mm, and an inner facing of 8.0 mm fibre cement board.
6. The 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 where appropriate.

This approval relates to non-loadbearing partition assemblies in terms of the integrity and insulation performance criteria of BS 476: Part 22: 1987.

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## CERTIFICATE No CF 5238

### VEFA PREFABRIKE YAPILAR SANAYI TIC AS

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#### **30 minutes insulation/60 minutes integrity**

The minimum specification for the Vefa Prefabrike Yapilar San Tic AS Insulated Panel for Vefa living quarter container is as follows:

- |                    |  |
|--------------------|--|
| Core               | ▪ Mineral (rock) wool of density 100 kg/m <sup>3</sup> , thickness 50 mm |
| Metal facings      | ▪ Prepainted galvanised iron, thickness 0.4 mm                           |
| Adhesive           | ▪ 2-component polyurethane adhesive between core and facings             |
| Fixings to support | ▪ Ø6.3 x 25 mm steel screws at 300 mm centres                            |
| Sealant            | ▪ Promaseal Intumescent Sealant used between panels and support          |

#### **30 minutes insulation/60 minutes integrity**

The minimum specification for the Vefa Prefabrike Yapilar San Tic AS Insulated Panel for Vefa living quarter container is as follows:

- |                    |  |
|--------------------|--|
| Core               | ▪ Mineral (rock) wool of density 100 kg/m <sup>3</sup> , thickness 50 mm |
| Metal facing       | ▪ Prepainted galvanised iron, thickness 0.4 mm, on the outside           |
| Fibre cement       | ▪ Fibre cement board, thickness 8 mm                                     |
| Adhesive           | ▪ 2-component polyurethane adhesive between core and facings             |
| Fixings to support | ▪ Ø6.3 x 25 mm steel screws at 300 mm centres                            |
| Sealant            | ▪ Promaseal Intumescent Sealant used between panels and support          |

The panels are used in a steel profile frame, to form a living quarter container. The outside of the frame incorporates a lattice-type framework.

7. In accordance with the requirements of TS 49 the following modifications to the specifications detailed previously may be made, whilst maintaining this approval:

- The thickness of the panels (core material) may be increased
- The density of the core material may be increased to 150 kg/m<sup>3</sup>
- The distance of fixing centres may be decreased

#### **Further Information**

Further information regarding the details contained in this data sheet may be obtained from Vefa Prefabrike Yapilar San Tic AS (Tel: +90 216 390 4777).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777, website: [www.warringtonfire.net](http://www.warringtonfire.net)).