

# T-FAL<sup>®</sup> Sealing System

**THE ORIGINAL**

RAL - COMPLIANT  
DOOR AND WINDOW SEALS

EUROPEAN  
EP 1285 143 B1  
EP 1287 218 B1  
PATENTS





### T-FAL® PROFILE SEALANT

inside

- European patent numbers EP 1 285 143 B1 and EP 1 287 218 B1
- airtight in accordance with DIN 4108 *EnEV* [Germany energy savings regulation], RAL guidelines, certified according to DIN EN 12114
- sd value > 100 m
- movement in 3 dimensions: 3 mm
- elastic sealing lip (UV protection)
- flexible self-adhesive strips



### 3line® WINDOW PARAPET SEALING STRIP

inside

- airtight in accordance with DIN 4108 *EnEV* [Germany energy savings regulation], RAL guidelines, certified according to DIN EN 12114
- sd value > 100 m
- three layers
- aluminium coated
- flexible



### 3grip-ADHESIVE SEALANT

- airtight in accordance with DIN 4108, *EnEV* [Germany energy savings regulation], RAL guidelines, certified according to DIN EN 12114
- meets DIN 18540 F, DIN 18545 Part 2 Group D
- flexible
- hybrid
- silicon-free
- absolutely weatherproof
- white or grey



### 3foam-SEALING FOAM 1K

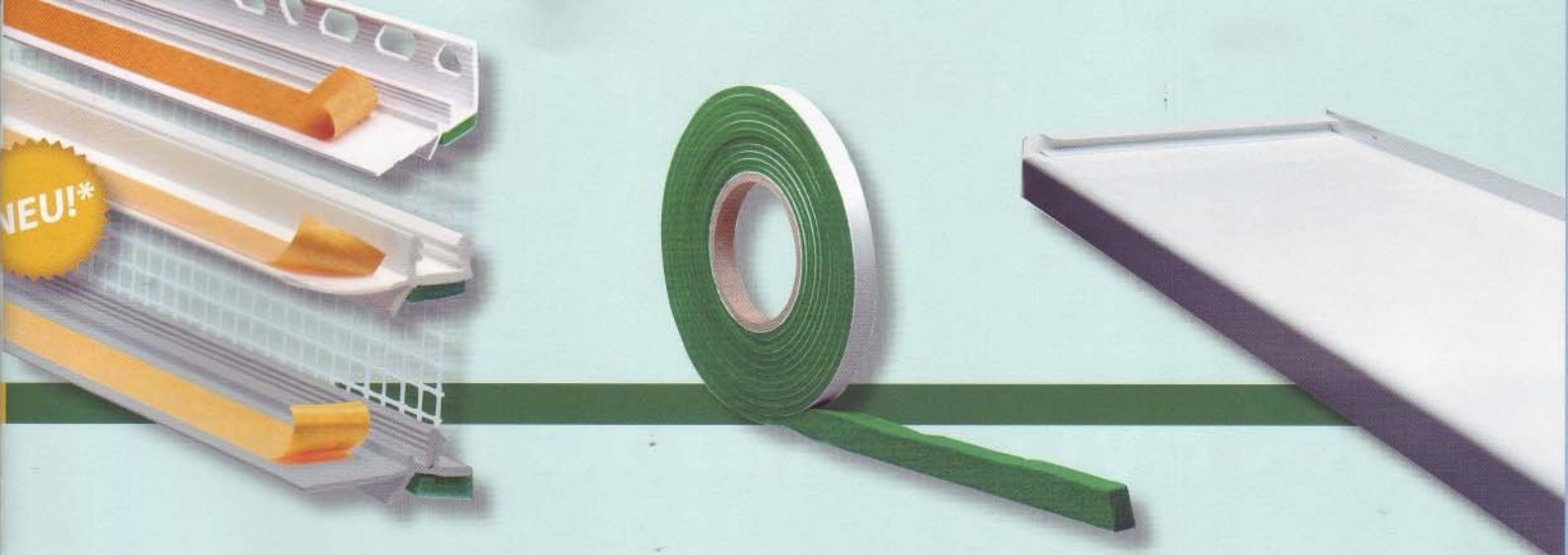
- fire rating B2, DIN 4102 Part 1
- reduction in airborne noise of up to 4 dB
- heat-insulating in accordance with DIN 52612
- sound-insulating in accordance with DIN 52210
- fills cavities



## REQUIRED BY LAW – DEVELOPED BY US – PROVIDED BY THE EXPERTS

The requirements set out in DIN 4108, the *EnEV* (Germany energy savings regulation), the VOB (German contracting rules for the award of public works contracts) and the Leitfaden zur Montage [installation guidelines] of the RAL German Quality Assurance Associations (3-level model) are as follows:

The functional characteristics of all three levels/sections are to be **permanent**.



NEU!\*

**T-FAL® PROFILE SEALANT**

outside

- for wet plastering or EIFS
- European patent numbers EP 1 285 143 B1 and EP 1 287 218 B1
- airtight (wind-tight) in accordance with DIN 4108, EnEV [Germany energy savings regulation], RAL guidelines, certified according to DIN EN 12114
- resistant to driving rain. DIN 18355, tested in line with DIN EN 1027
- sd value < 25 m
- movement in accordance with ift guideline MO-01/1
- elastic sealing lip (UV protection)
- compatible with EIFS
- \* available in white or telegrey

**3comp COMPRESSED FOAM TAPE**

outside

- resistant to driving rain in accordance with DIN 18355, Section 3 No. 3.5.3, tested in line with DIN EN 1027
- meets DIN 18542
- stress group 2
- sd value < 25 m
- in combination with 3win® WINDOW SILL

**3win® WINDOW SILL**

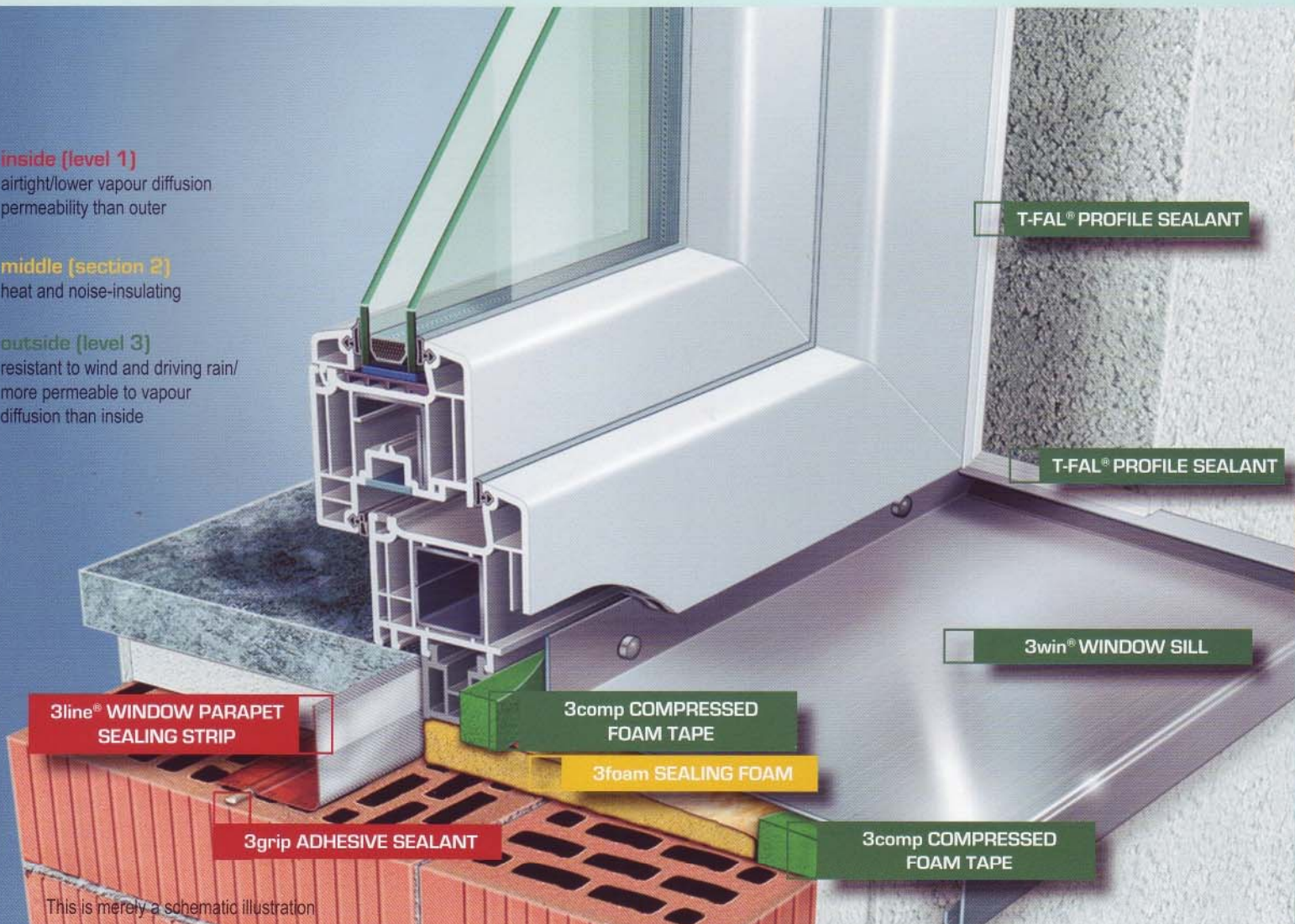
outside

- resistant to driving rain in accordance with DIN 18355, tested in line with DIN EN 1027
- extruded aluminium with window drip
- in combination with 3comp COMPRESSED FOAM TAPE
- no 2<sup>nd</sup> drainage device needed!
- resistant to driving rain thanks to integrated seal or special adhesive edge sections for application by customer
- notches for roller shutters possible with integrated seal

**inside (level 1)**  
airtight/lower vapour diffusion permeability than outer

**middle (section 2)**  
heat and noise-insulating

**outside (level 3)**  
resistant to wind and driving rain/ more permeable to vapour diffusion than inside



T-FAL® PROFILE SEALANT

T-FAL® PROFILE SEALANT

3win® WINDOW SILL

3line® WINDOW PARAPET SEALING STRIP

3comp COMPRESSED FOAM TAPE

3foam SEALING FOAM

3grip ADHESIVE SEALANT

3comp COMPRESSED FOAM TAPE

This is merely a schematic illustration

# CERTIFIED QUALITY YOU CAN BUILD ON



## A.B.O. ROSENHEIM

Examination of the heat and damp characteristics of the entire component and their interaction.  
 ABO Rosenheim  
 (Test Report  
 G 030523 1 / 030901.1  
 to 030903.1,  
 Test Period  
 23 May - 3 September 2003,  
 321 pages).



## EMPA

Measurement of the water vapour permeability of two different synthetic foams.  
 EMPA (Test Report 429133-1  
 of 9 July 2003, 7 pages).



## FRAUNHOFER INSTITUT

Measurement of the translucency of plastic components (sealing lip) in accordance with DIN 5036 in the spectral range of UV visible light.  
 Fraunhofer Institute  
 for Building Physics  
 (Test Report P 16-84c / 2002  
 of 13 March 2002, 4 pages).



## ift ROSENHEIM

Inspection in accordance with ift guideline MO-01/1, partial inspection pursuant to Section 4.1, Movement.  
 ift Rosenheim  
 (Test Report 105 37503  
 of 26 March 2009, 8 pages).



## ift ROSENHEIM

Airtightness and resistance to driving rain of a sealing system between the window and building structure when new and following simulated short-term load (incl. simulated use, permanent use).  
 Heat insulation compound system:  
 ift Rosenheim (Test Report 104 28266 of 20 August 2004, 14 pages).  
 Wet plastering:  
 ift Rosenheim (Test Report 105 30533 of 16 March 2006, 14 pages.)  
 (Expert Report No.: 155 28266 of 7 December 2004, 5 pages).

### Further system solutions:

#### T-FAL® Sealing System XL

- for aluminium covering and roller shutter rails.  
 Sections of 3 m to 8 m in length

#### T-FAL® Sealing System BS

- for integrated sub-frame surrounds

#### T-FAL® Sealing System RENO

- for window renovation in old buildings



For cavity walls with ventilated brick facades, please see Report G 030902.1, ABO Rosenheim of 2 September 2003.

All test reports and expert reports can be found at [www.3ks-profile.de](http://www.3ks-profile.de)

Please follow the relevant application guidelines!

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