



# Kalzip® Facade Systems

TF 800 R



# Kalzip® Facade Systems

– new aspects  
for innovative  
design

Front page: District hospital, **Ehingen (D)**  
Architect: Georg Gindele, Neu-Ulm  
Right: Production site Marxer **Friedberg (D)**  
Architect: Dieter W. Hoppstaedter

## Good looking – best design

Available in a comprehensive range of colour coatings, the Kalzip® TF 800 R facade profiles offer an aesthetically appealing and extremely practical solution.

To summarise the benefits:

- distinctive profile design and attractive "long view" visual appeal
- lightweight – leading to savings on supporting steelwork
- flexible performance with a wide range of acoustic and thermal specification options
- perfectly systemised and proven with harmonised components and interfaces
- versatile colour finishes

### Quality in detail

For perfect interfaces with other building elements and systems, special details have been developed for the Kalzip® TF 800 R system. The technical expertise of the Kalzip® team has determined both the all important long term performance of these interfaces and has also defined their visual appearance and integration with the rest of the building.



Kalzip® TF 800 R: featuring a gently "treaded" fascia between raised ribs



# Installation

Kalzip® TF 800 R facade profile is only suitable for horizontal or slightly pitched building elevations. It is not suitable as a roofing cladding material. Fixing takes place within the narrow lower brace between the ribs - either inside each rib or always in line with the longitudinal joints - according to the structural requirements.

## Fastening devices:

Bolts with inside torx drive, JT3-FR-6-5, 5 xL E10 or Irius drive system SX-L 12-A10-5, 5xL

## Technical data

**Material** EN AW-304 according to DIN 573-3 respectively Hogal 5555, high physical properties; good malleability.

**Dimensions** 1.0 and 1.2mm gauge, structural width 800mm.  
**TF 800 R** Profile length 6m, profile height 35mm.



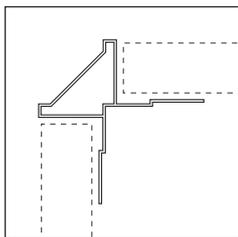
**Bearing capacity** according to national standards (in Germany DIN 18807, see load span tables).

**Colours and finishes** RAL standard colours, TitanColor, SoftColor and AntiGraffiti finishes according to Kalzip®/Kalbau® colour index, special colours and finishes are available on request and to special order.

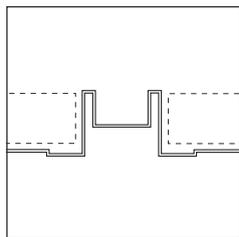
**Substructure** Vertical girders or spacing elements.

## Kalzip® TF system components

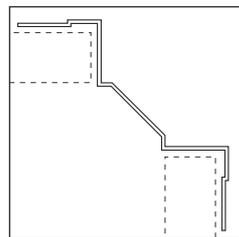
**Dimensions** maximum profile length 6000mm



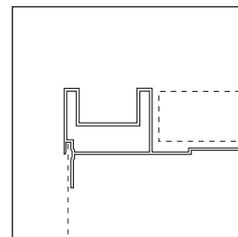
Kalzip® outside corner profile TF



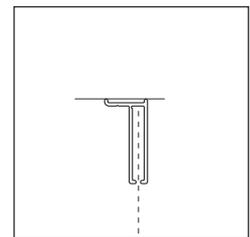
Kalzip® joining detail TF



Kalzip® inside corner profile TF



Kalzip® reveal profile TF



Kalzip® F profile TF

Right: Kalzip® TF system components





## Kalzip® TF 800 R – a distinctive aluminium profile

Kalzip® roof and wall cladding systems help architects and specifiers to achieve new design potential. The combination of traditional materials and system build-up together with the advanced capabilities of the Kalzip® profiled sheets has established its position in advanced architectural thinking.

The facade sheet with its acoustic and thermal performance capabilities together with a distinctive aesthetic appeal can underpin the entire architectural concept.

The potential of the new Kalzip® TF 800 R profile opens up a whole new design perspective.

The clean-cut appearance of this new profile enhances the effect of light and shade across all elevations whilst at the same time offering a distinct and unique overall appearance.

Above and right:  
Storage Electro Helfrich **Viernheim (D)**  
Architect: Fischer Architekten, Viernheim  
Far right: CMT Zeiss **Oberkochen (D)**  
Architect: SIAT Bauplanung und Ingenieurleistungen



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## **Kalzip UK**

Haydock Lane

Haydock

St Helens

Merseyside WA11 9TY

United Kingdom

T: +44 (0) 1942 295 500

F: +44 (0) 1942 295 508

E: [enquiries.uk@kalzip.com](mailto:enquiries.uk@kalzip.com)

English 01/19