



Gefidehn®
Screed Perimeter Border

Notching Pliers



The Gefidehn® Screed Perimeter Border is a formwork element made from extruded polystyrene hard foam. The outer layer consists of glass cloth, coated with a special mortar.

Areas of Use

The Gefidehn® Screed Perimeter Border serves to create clean edges for staircases, galleries and pedestals.

Properties

Suitable for floating and cement floor screeds. Precise cutting with a craft knife makes it easy to adapt the border to any construction configuration. Affixing the Screed Perimeter Border is easy with a PU foam, or a tile or cement adhesive. The border is very stable and waterproof. It is suitable as a plaster base, as well as being lightweight. The Screed Perimeter Border is certified in the fire class E.

The Notching Pliers are designed to ensure clean cut-outs to the Expansion Joint Profiles. The „round“ Gefidehn® Notching Pliers can be used to easily create through openings for underfloor heating pipes. The „angular“ Gefidehn® Notching Pliers are used to create through openings where the same mounting height of the mortar is enabled on both profile sides. Scoring and re-cutting mean that cavities in the profiles can be enlarged as required.

Areas of Use

To cut out notches in the Expansion Joint Profile, e.g. for pipe work.

Properties

The notching pliers enable the clean cutting of sharp edges into the Expansion Joint Profiles. Due to its light weight and handy format, easy use of the pliers is guaranteed.

The highest quality and an ability to deliver at all times

As Production Manager of our company, I am dedicated, along with my team, to quality, reliability and delivery capabilities. I can depend here not only on modern, steadfast production facilities and production processes, but also on each individual production employee in particular, as well as my shift supervisors who manufacture the brand products Geficell®, Gefitas®, Geficon®, Tango and Gefidehn® week in week out in our company in a three-shift system.



A substantial part of my work is concerned with maintaining quality standards and increasing production efficiency, in order to meet market requirements and guarantee the economic success of the company. Open communication here with all other departments like materials management, site management, controlling and sales is absolutely essential and an integral part of our corporate culture. This culture is not just about fair and open dealings with one another however. Rather, it also helps to internalise issues such as quality assurance, operational safety, and improvements in efficiency for each individual employee.

All these considerations enable us to develop innovative products and permanent product enhancements, as well as to optimise our production processes. My personal commitment is focused, alongside the implementation of operational safety in all areas, above all on the development and implementation of new product ideas and process innovations. A good example of this commitment can be seen with our products in the Gefidehn® range, which have been specially developed for use as expansion joints. Sales, research and development, site management and production have worked hand in hand here to create a group of products that combines the highest quality standard with functionality, and offers our customers an exceptional price-performance ratio as a result.

Mirko Meyer



Brochure 181219

PROFILES





Gefidehn® profiles are available in the following variants:

- Gefidehn® PE Expansion Joint Profile Basic
- Gefidehn® PE Expansion Joint Profile DFP
- Gefidehn® PE Screed Perimeter Border

Summary



Gefidehn®
PE Expansion Joint Profile Basic

Gefidehn®
PE Expansion Joint Profile DFP

Gefidehn®
PE Expansion Joint Profile DFP PLUS

Expansion joints in a floor screed confine the surface area of the screed, as well as reducing tensions that could lead to damage to the screed or floor covering. Such tensions in the floor screed are brought about by movement in the construction and expanding processes of the broad range of different building materials. In principle, it is available to provide for an expansion joint at doorways, with floor screed surfaces with varying heating systems, and with U-formed or L-formed floor screeds. Gefidehn® Expansion Joint Profiles, made from PE foam, offer a high level of security and have been tried-and-tested in the real world for many years.

Area of Use

Gefidehn® Expansion Joint Profiles are used in the demarcation of floor screed surface areas, and for reducing tensions in the floor screed or floor covering. The Gefidehn® Screed Perimeter Border serves to create clean edges for staircases, galleries and pedestals, etc.

Product Information PE Expansion Joint Profile Basic

Article	Thickness mm	Height mm	Length mm	PU per/m
14730 Basic 60	10	60	1800	70/126
14731 Basic 80	10	80	1800	55/99

Product Information PE Expansion Joint Profile DFP

Article	Thickness mm	Height mm	Length mm	PU per/m
13479 DFP 40	10	40	1800	20/36
13629 DFP 50	10	50	1800	20/36
13480 DFP 60	10	60	1800	20/36
13481 DFP 80	10	80	1800	20/36
13482 DFP 100	10	100	1800	20/36
* 11745 DFP 40	10	40	1200	20/24
* 11746 DFP 50	10	50	1200	20/24
* 11747 DFP 60	10	60	1200	20/24
* 11748 DFP 80	10	80	1200	20/24

* DFP mit einer Länge von 1200 mm sind ohne einem Überstand des PE-Schaums vollflächig, beidseitig mit einer Kunststoffolie kaschiert. (technische Änderungen und Irrtümer vorbehalten)

Produktinformationen PE Expansion Joint Profile DFP PLUS

Artikel	Dicke mm	Höhe mm	Länge mm	VE in Stk./m
715485 DFP+60	10	60	1800	20/36
715486 DFP+80	10	80	1800	20/36
715487 DFP+100	10	100	1800	20/36

Product Information PE Screed Perimeter Border

Article	Thickness mm	Height mm	Length mm	PU per/m
13051 ERS 100	6	100	1300	10
13052 ERS 150	6	150	1300	10

Product Information Notching Pliers

Article	Description	PU
12172	Pliers 32 x 16 mm round	1
12173	Pliers 32 x 26 mm angular	1

Benefits

- High functionality during processing
- Fast and time-saving processing
- Environmentally friendly and health-conscious
- Outstanding price-performance ratio
- Certified and controlled products
- „Made in Germany“

Certifications & Standards

The use of Gefidehn® profiles is possible without any need for authorisation. Gefidehn® quality management is dedicated to a constant monitoring of the raw materials used and guarantees the high quality of products.

Moreover, the products have also been tested for VOCs (volatile organic compounds that can be harmful to human health) and classified as harmless.

The Gefidehn® Expansion Joint Profile Basic is notable for its excellent price-performance ratio. It is made from polyethylene foam and has a self-adhesive strip along its base.

Areas of Use

The Gefidehn® PE Expansion Joint Profile Basic is used in the demarcation of floor screed surface areas, and for reducing tensions in the floor screed or floor covering.

Properties

Straight joints, even in large rooms, and a secure standing position are the most important characteristics of the Gefidehn® Basic model, as well as a wide self-adhesive base. It is very easy to cut the profiles precisely using a craft knife. Moreover, clean cuts with the designated pliers are also simple to achieve. The profile is suitable for underfloor heating systems and is very lightweight. Gefidehn® PE Expansion Joint Profile Basic is classified in accordance with DIN 4102 in the building material class B2.

The Gefidehn® PE Expansion Joint Profile DFP is a rigid sandwich element with a core made from elastic polyethylene foam, which is coated on both sides with a stable synthetic film. The base of the profile has a self-adhesive layer. In order to ensure that the profile overlap above the surface of the floor screed can be easily removed, the synthetic film ends approximately 2 cm below the upper edge of the PE foam.

Areas of Use

The Gefidehn® PE Expansion Joint Profile DFP is used in the demarcation of floor screed surface areas, and for reducing tensions in the floor screed or floor covering.

Properties

Absolutely straight joints, even in large rooms, and a secure standing position are the most important characteristics of the Gefidehn® DFP model, as well as a wide self-adhesive base. It is very easy to cut the profiles precisely using a craft knife. Moreover, clean cuts with the designated pliers are also simple to achieve. The profile is suitable for underfloor heating systems and is very lightweight. The Gefidehn® PE Expansion Joint Profile DFP is classified as fire class B2 per DIN 4102-1.

Gefidehn® DFP PLUS is a stable expansion joint profile used to create joints in screeds. The profile ensures that the line of the joint in the screed is precisely straight, even in large rooms. The sandwich structure of the profile – whereby flexible PE foam is coated on both sides with tape fabric – ensures that it is extremely stable. The base of the profile is fitted with a self-adhesive film, providing for excellent vertical stability as well. DFP PLUS is used to form expansion joints in cement or calcium sulphate screeds, which can be executed as follows:

- Floor screeds and heating floor screeds on insulation layers (DIN 18560-2)
- Screeds laid on separating layer (DIN 18560-4)
- Bonded screed (DIN 18560-3)

Area of use

For the demarcation and division of surface areas of screed, in order to reduce stress and tensions in the screed.

Eigenschaften

- Particularly sturdy
- Suitable for underfloor heating
- Compression max. 5 mm, permanently elastic
- German fire class rating B2 (as per DIN 4102)
- Resistant to moisture absorption
- Easy to cut using craft knife
- Working temperature: 5 to 30°C