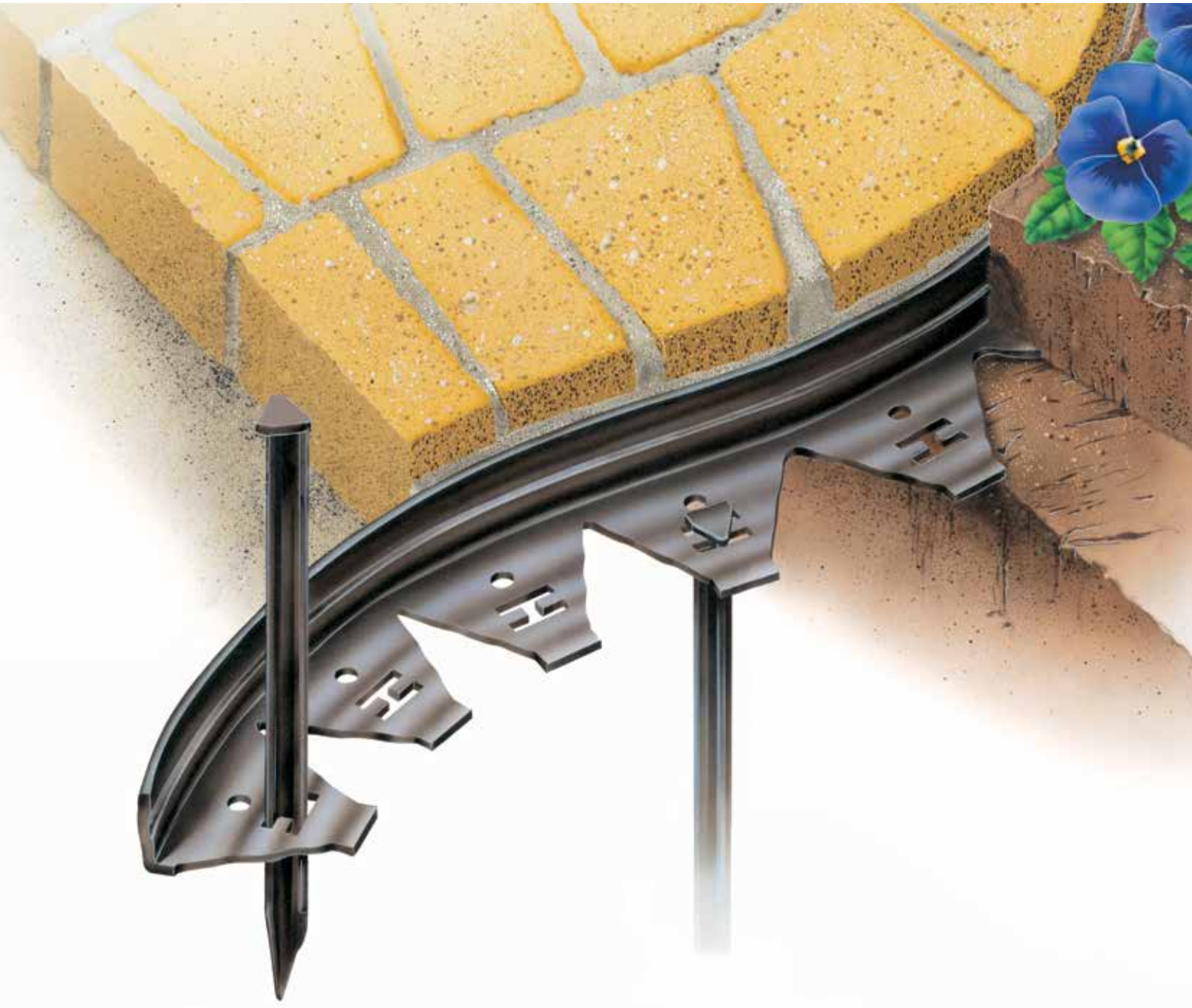


LINEFIX®

Effective border edging for garden and park areas.





LINEFIX®

Effective border edging for garden and park areas.

1 Requirements

- effective and visually unobtrusive edging for pathways, flowerbeds and lawn areas
- adapt to the shapes of pathways and borders
- barrier against root spread at transitional areas, such as between lawn and paved areas or lawn and tamped areas

2 Application areas

- pathways
- squares
- lawn
- sport grounds

3 Solution

- easy to install, without digging a trench and foundations
- can be installed much easier than concrete edgings
- visually unobtrusive and yet very effective edging
- can be installed in straight lines or in curves and bends
- can be made in different materials:
PE-PP, galvanised steel or stainless steel
- different radii, also close to borders 1 m radius



Public square in Germany



Commercial centre ATOLL in Beaucouze, France



Commercial centre ATOLL in Beaucouze, France



Commercial centre ATOLL in Beaucouze, France

RECYFIX®
PRO

RECYFIX®
PLUS

RECYFIX®
STANDARD

DACHFIX®

Slotted Channel

FASERFIX®
STANDARD

RECYFIX®-POINT
FASERFIX®-POINT

RECYFIX®
GREEN

LINEFIX®

PE-PP resistance to different materials

| | medium | concentration | RECYFIX (PA) black at 20 °C |
|----------|-------------------------|---------------|--------------------------------|
| A | ammonia solution | 25 % | + |
| | apple juice | | + |
| B | beer | | + |
| | brake fluid | | + |
| C | calcium hydroxide | s.a.l. | + |
| | chloric acid | | + |
| | chlorine | | / |
| | cold cleaning medium | | + |
| D | diesel fuel | | + |
| E | engine oil | | + |
| | ethanoic acid | | + |
| | ethanol | | + |
| F | fats | | + |
| | fertiliser salt | aqueous | + |
| | formic acid | | + |
| | fruit juices | | + |
| | fruit acids | | + |
| | | | |
| G | glucose | | + |
| | glue | | + |
| H | heating oil EL (diesel) | | + |
| | hydraulics oil | | + |
| | hydrochloric acid | 37 % | + |
| I | Isopropyl alcohol | | + |
| L | lemonade | | + |
| | lubricating grease | | + |
| M | machine oils | | + |
| | margarine | | + |
| | milk | | + |
| | mineral oil | | + |
| | molasses | | + |
| | | | |
| P | petrol | purely | + |
| | petrol 95 – 98 octane | | + |
| S | sea water | | + |
| | sugar | | + |

| | medium | concentration | RECYFIX (PA) black at 20 °C | |
|--|----------------|---------------|--------------------------------|----------|
| | urea | | + | U |
| | UV light | | + | |
| | vegetable fats | | + | V |
| | vegetable oils | | + | |
| | wine | | + | W |

For detailed information on the resistances of further materials or higher temperatures, please contact HAURATON.

+ = permanently resistant
 / = temporarily resistant
 - = not resistant
 s.a.l. = saturated aqueous solution

max. 72 h each exposure, then cleaning

The above information applies to pure media. We advise our customers to check the suitability of materials on sample pieces. For this purpose, test samples can be obtained from HAURATON. Further information can be obtained from our technical department. At average European day-time temperatures PE-PP channels are highly resistant to diluted acids and alkaline solutions as well as road salt. It is safe to use the channels in environments in which the temperatures listed in the table are not exceeded.

The suitability of channels made of PE-PP for contact with a certain chemical can also depend on other factors besides temperature. In addition, it is imperative to test the suitability of the grating and frame material if contact with corrosive media is being considered. Gratings and frames in stainless steel type CNS 1.4301 or CNS 1.4571 generally offer the best resistance to corrosion.

All our advice relating to product application technology given verbally or in writing or as a result of tests represents our best knowledge. However, we do not accept liability in this respect. As a matter of course, we give our assurance that the outstanding quality of our products fully meets our general terms and conditions of business.

PA resistance to different materials

| | medium | concentration | RECYFIX (PA) black at 20 °C |
|----------|-------------------------|---------------|--------------------------------|
| A | ammonia solution | | + |
| | apple juice | | + |
| B | beer | | + |
| | brake fluid | | + |
| C | calcium hydroxide | s.a.l. | + |
| | chloric acid | | / |
| | chlorine | | / |
| | cold cleaning medium | | + |
| D | diesel fuel | | + |
| E | engine oil | | + |
| | ethanoic acid | | /- |
| | ethanol | | + |
| F | fats | | + |
| | formic acid | | / |
| | fruit juices | | + |
| | fruit acids | | + |
| G | glucose | | + |
| | glue | | + |
| H | heating oil EL (diesel) | | + |
| | hydraulics oil | | + |
| | hydrochloric acid | | - |
| I | Isopropyl alcohol | | + |
| L | lemonade | | + |
| | lubricating grease | | + |
| M | machine oils | | + |
| | margarine | | / |
| | milk | | + |
| | mineral oil | | + |
| | molasses | | / |
| P | petrol | | + |
| | petrol 95 – 98 octane | | + |
| S | sea water | | + |
| | sugar | | + |

| | medium | concentration | RECYFIX (PA) black at 20 °C |
|----------|----------------|---------------|--------------------------------|
| U | urea | | + |
| | UV light | | + |
| V | vegetable fats | | + |
| | vegetable oils | | / |
| W | wine | | / |

For detailed information on the resistances of further materials or higher temperatures, please contact HAURATON.

+ = permanently resistant
/ = temporarily resistant
- = not resistant
s.a.l. = saturated aqueous solution

max. 72 h each exposure, then cleaning

The above information applies to pure media. We advise our customers to check the suitability of materials on sample pieces. For this purpose, test samples can be obtained from HAURATON. Further information can be obtained from our technical department. At average European daytime temperatures PA channels are highly resistant to diluted acids and alkaline solutions as well as road salt. It is safe to use the channels in environments in which the temperatures listed in the table are not exceeded.

The suitability of channels made of PA for contact with a certain chemical can also depend on other factors besides temperature. In addition, it is imperative to test the suitability of the grating and frame material if contact with corrosive media is being considered. Gratings and frames in stainless steel type CNS 1.4301 or CNS 1.4571 generally offer the best resistance to corrosion.

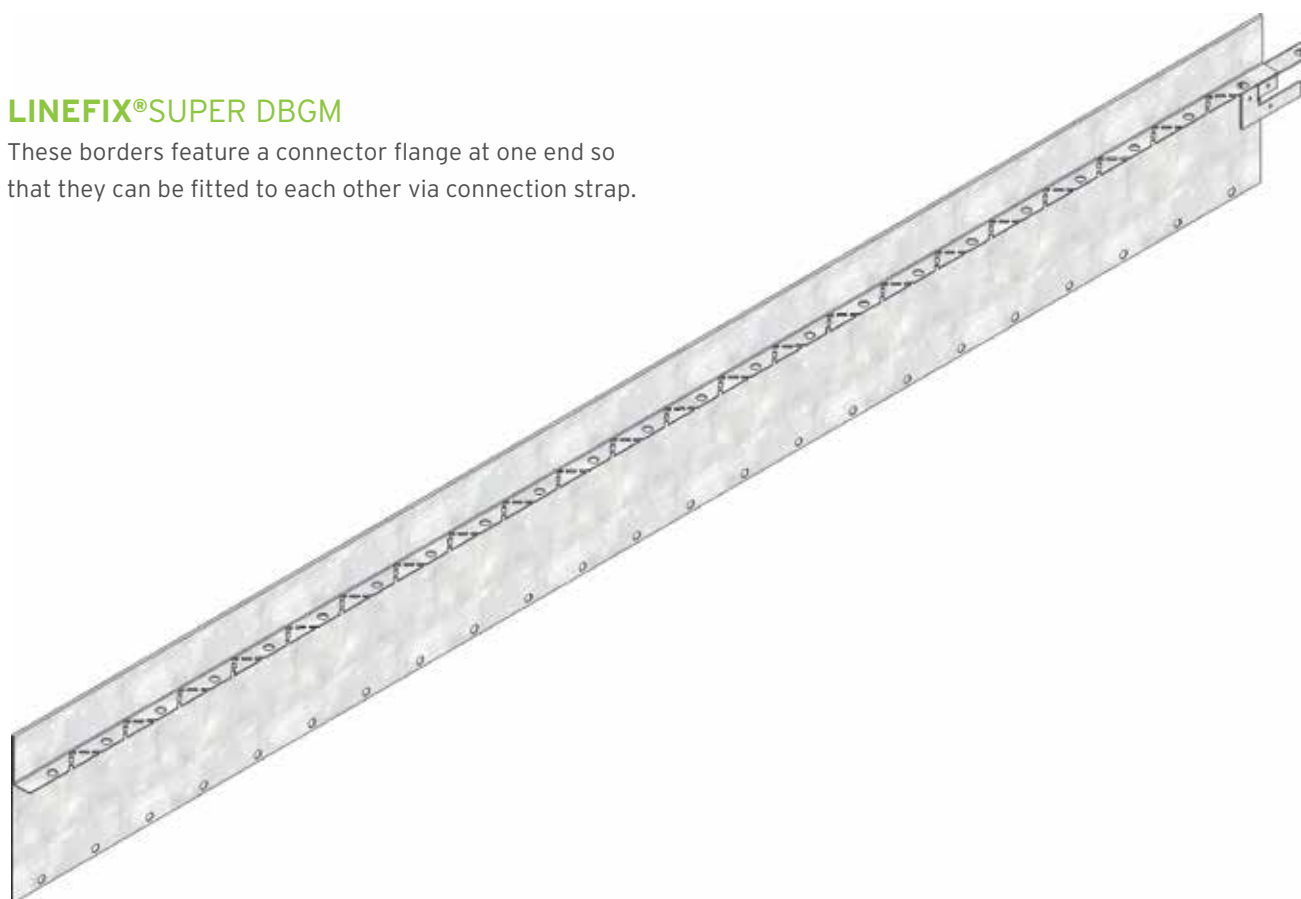
All our advice relating to product application technology given verbally or in writing or as a result of tests represents our best knowledge. However, we do not accept liability in this respect. As a matter of course, we give our assurance that the outstanding quality of our products fully meets our general terms and conditions of business.

LINEFIX®

Effective border edging for garden and park areas.

LINEFIX®SUPER DBGM

These borders feature a connector flange at one end so that they can be fitted to each other via connection strap.



LINEFIX®SUPER, Borders

| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|-----------------|--------------|-------------|--------------|--------------|-------------|
| galvanised | 1500 | 20 | 175 | 2,1 | 43210 |
| stainless steel | 1500 | 20 | 175 | 2,9 | 43230 |

We recommend to fix the borders every 20-25 cm with a steel nail.
The quality of stainless steel material corresponds to CNS 1.4301.

* B = Width of leg

LINEFIX®SUPER, Accessories

| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|--------------------------------|--------------|-------------|--------------|--------------|-------------|
| Fixing anchor, galvanised | 280 | - | - | 0,1 | 43250 |
| Fixing anchor, stainless steel | 280 | - | - | 0,1 | 43270 |

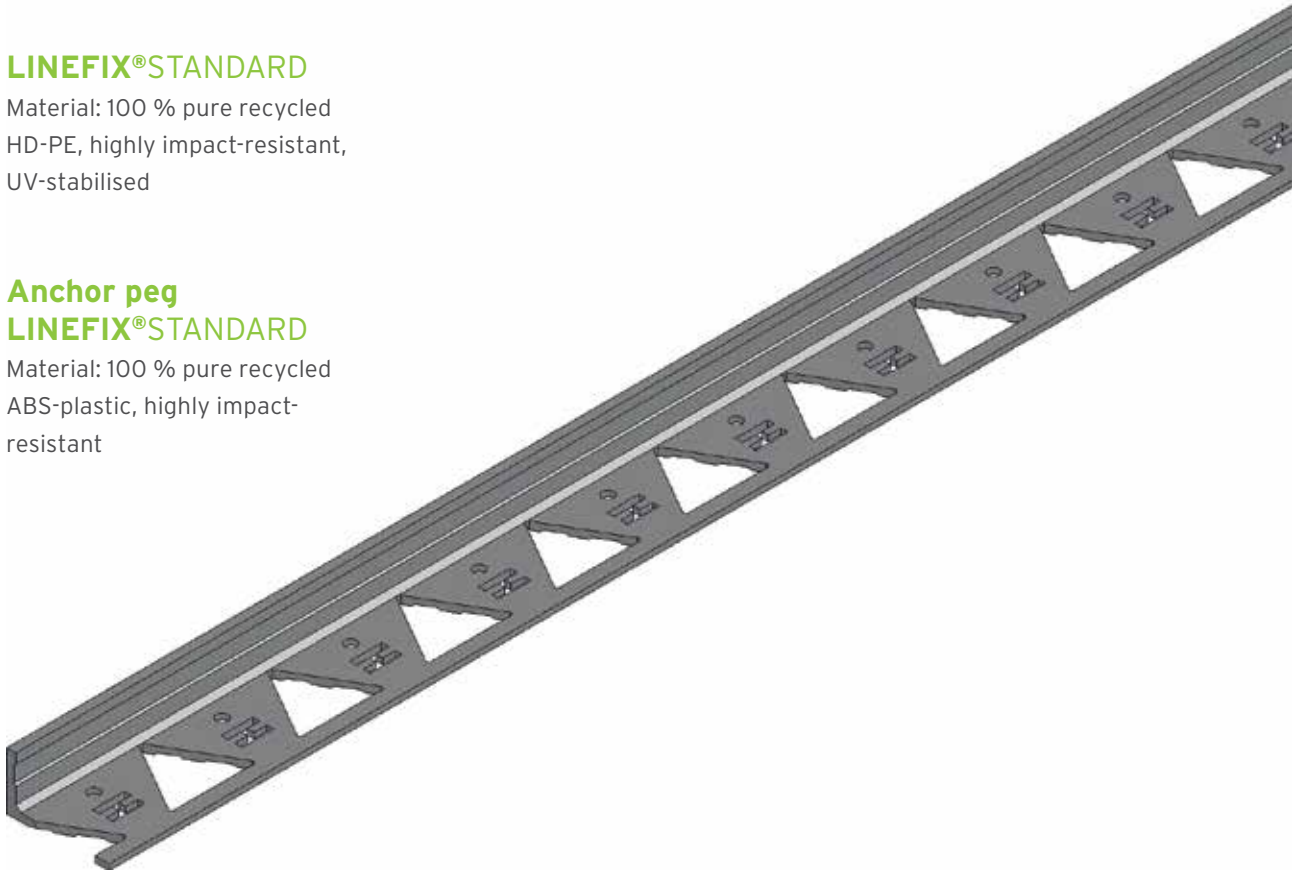
The quality of stainless steel material corresponds to CNS 1.4301.

LINEFIX®STANDARD

Material: 100 % pure recycled
HD-PE, highly impact-resistant,
UV-stabilised

Anchor peg LINEFIX®STANDARD

Material: 100 % pure recycled
ABS-plastic, highly impact-
resistant



LINEFIX®STANDARD, Borders

| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|---------------|--------------|-------------|--------------|--------------|-------------|
| made of PE-PP | 1500 | 80 | 45 | 0,7 | 43110 |

Minor deviations in the measurements possible due to the recycled material.

* B = Width of leg

LINEFIX®STANDARD, Accessories

| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|-----------------------------------|--------------|-------------|--------------|--------------|-------------|
| Anchoring peg made of ABS-plastic | 250 | - | - | 0,1 | 40020 |

We recommend to fix LINEFIX STANDARD borders every 20-25 cm with an anchoring peg.
For fixing, a steel nail (item-no. 43250) may also be used.

RECYFIX®
PRO

RECYFIX®
PLUS

RECYFIX®
STANDARD

DACHFIX®

Slotted Channel

FASERFIX®
STANDARD

RECYFIX®POINT
FASERFIX®POINT

RECYFIX®
GREEN

LINEFIX®