



fischer TERRADEC

The terrace accessories for
the professional terrace decking



10 commandments of building a deck.

- Never screw wood directly to wood.
- Avoid water logging.
- Always use stainless steel fasteners into hardwood.
- Pre-drill the holes before installing the screws (0,5 – 1 mm less than the fastener diameter).
- Always fasten a board to any support rail with 2 fasteners or one invisible fixing.
- Boards ends should always be sealed with wax.
- Boards with a wood moisture of up to 18% must be kept apart by at least 7 mm.
- Boards with grooves must always be installed in the direction of water flow and a gradient of at least 1–2 cm per metre.
- Never use a pinewood support rail with hardwood boards (it is possible the other way).
- Always fasten the longitudinal joints of the boards on two support rails.



fischer TERRADEC

The terrace accessories for the professional terrace decking.

Invisible and visible fixings

The perfectly coordinated fischer TERRADEC terrace accessories offer several mounting systems for decking boards onto the various support rails.

The spacers **FTA-ISW** and **FTA-ISA**, the start and end fixing **FTA-ISW Start** and **ISA Start** and the **FTA-IPW** and **FTA-IPA** are the perfect solutions to your problem when **invisible board fixing** is required.

When the fixings can be seen, then our **FTA-V** with the fischer terrace screws **FPF-ST** or **FTS-ST** and the driller **FTA-CD** are the best choice.

All mounting parts give a uniform looking installation and guarantee **built-in wood protection**, because of the ventilation under the boards. The lifetime of the terrace will be significantly extended.

ADVANTAGES AT A GLANCE

- Spacers for easy and precise board installation.
- Ensures even installation pattern.
- Wood protection built right in, because of ventilation under the boards.
- Ideal solutions for the various boards and construction situations.



FTA-V
PAGE 4



FTA-ISW/-ISA
PAGE 5



FTA-IPW/-IPA
PAGE 6



FTA-ISW/-ISA Start
PAGE 7



FTA-UF
PAGE 7

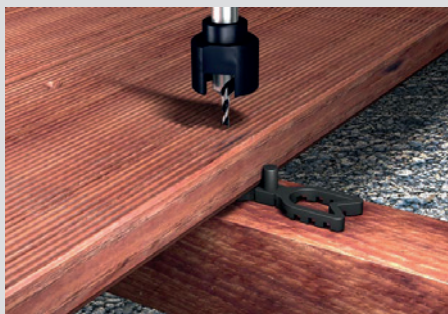


FTA-UP
PAGE 8

Visible fastening

FTA-CD – Drill bit with countersink and adjustable depth stop

Item	Art. No.	Description	Sales unit [pcs]
FTA-CDW 4 mm	539889	FTA-CD 4 mm Wood drill bit with Ø 4 mm	1
FTA-CDM 4 mm	539890	FTA-CD 4 mm Metal drill bit with Ø 4 mm	1



The adjustable depth stop prevents countersinking too far. The stop can be perfectly adjusted for the respective screw head.

ADVANTAGES AT A GLANCE

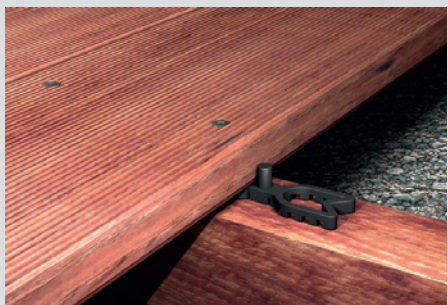
- Pre-drilling and countersinking in one step.
- Uniform depth when countersinking the screw.
- Appealing and uniform installation pattern of the terrace.



Protects the board from damaging during the pre-drilling.

Spacer FTA-V – The universal solution for the visible fixation

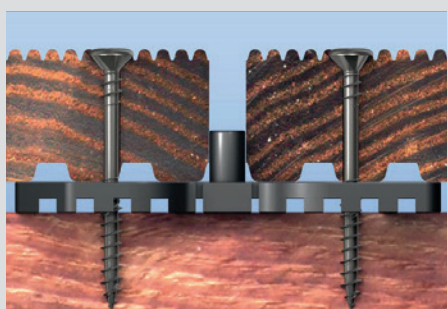
Item	Art. No.	Description	Sales unit [pcs]
FTA-V 7 mm	539874	Dimensions 88 x 25 x 6 mm	50



With the fischer spacer FTA-V, decking boards of any size or wood type can be installed easily, quickly and with precision. It creates a uniform installation pattern for the boards without additional tools.

ADVANTAGES AT A GLANCE

- Easy and precise board installation without alignment of each board.
- Uniform installation pattern with 7 mm board distance. Recommended for a wood moisture up to 18%.



Furthermore, it guarantees spaces between the boards and support rails required for good ventilation. This ensures that any waterlogging that may have occurred can dry out. About 15 – 20 pieces are needed per m², depending on board width.



Wood protection built right in, because of ventilation under the boards.

Invisible fastening

Spacer FTA-ISW /-ISA – The standard solution for the invisible fixation of grooved boards

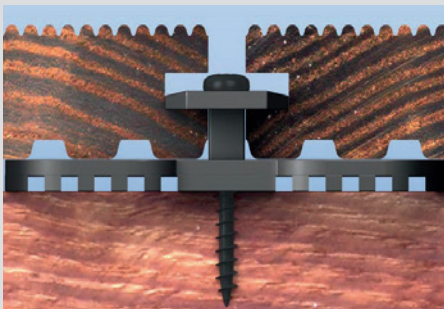
Item	Art. No.	Description	Sales unit [pcs]
FTA-ISW 9 mm	539875	For Wood support rail with stainless steel screws C1 black 5 x 50 mm	30
FTA-ISA 9 mm	539876	For Aluminium support rail with stainless steel drilling screws C1 black 4,8 x 35 mm	30



The spacer FTA-ISW /-ISA is suitable for boards with a groove wall thickness of 5.5 – 11.5 mm and a minimum groove depth of 9 mm. Boards can be installed quick and professionally with an invisible fastening.

ADVANTAGES AT A GLANCE

- Wood protection built right in, because of ventilation under the boards.
- Uniform installation pattern. Distance between the boards is 9 mm.
- Readjustment or replacement of single beams is possible at any time.
- Without pre-drilling.



A predetermined breaking point that permits a flexible clamping range of 6 mm, enables alignment to various groove wall thicknesses. About 15 – 20 pieces are needed per m², depending on board width.

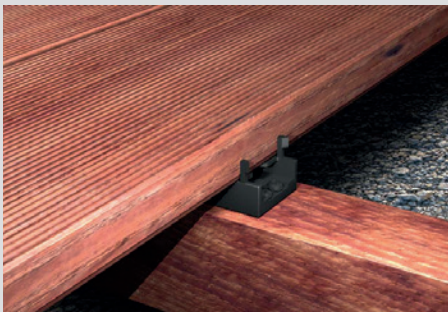


Invisible installation and only one screw per fastening / fixing point.

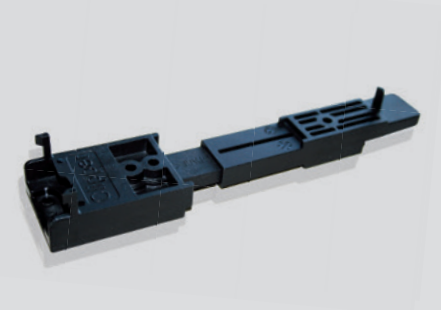
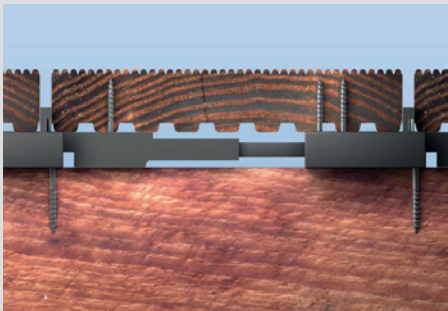


Invisible fastening

Spacer FTA-IPW / -IPA – The professional solution for the invisible fixation of ungrooved boards			
Item	Art. No.	Description	Sales unit [pcs]
FTA-IPW 120 – 150 mm	539879	For Wood support rail with stainless steel screws C1 4 x 30 mm	50
FTA-IPA 120 – 150 mm	539880	For Aluminium support rail with stainless steel screws C1 4 x 30 mm and stainless steel drilling screws A2 3,9 x 19 mm	50



The spacer FTA-IPW / -IPA ensures a quick and invisible installation of decking boards providing a width between 120 – 150 mm. At the same time, an uniform installation pattern is guaranteed. About 15 – 20 pieces are needed per m², depending on board width.



ADVANTAGES AT A GLANCE

- Wood protection built right in, because of ventilation under the boards.
- Invisible fixation and variable adjustments depending on the board width.
- Uniform installation pattern. Distance between the boards is 5 mm.
- Special geometry relieves the decking structure of stresses, and therefore considerably minimizes the risk of shearing the screws.

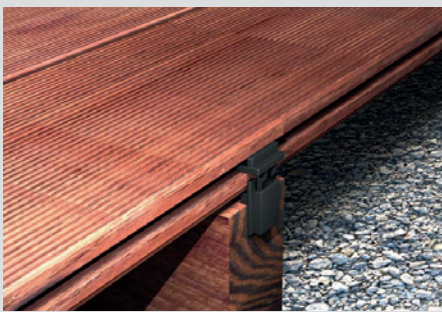
Quick removal of decking beams – ideal for rented apartments (for moving).



Invisible fastening and support pads

Start- and end fastening system FTA-ISW /-ISA Start – For grooved boards

Item	Art. No.	Description	Sales unit [pcs]
FTA-ISW Start	539877	For Wood support rail with stainless steel screws A4 4 x 35 mm	20
FTA-ISA Start	539878	For Aluminium support rail with stainless steel drilling screws A4 4,2 x 19 mm	20



The start and end fixation FTA-ISW/-ISA Start ensures invisible and clean fastening of grooved boards at the start and end of the completed decking. For all boards with central grooves of 4 mm or wider (mind. 9 mm deep).

ADVANTAGES AT A GLANCE

- No visible screw fastening.
- Ideal supplement for the installation of decking boards with fischer spacer FTA-ISW /-ISA.



Adjustable decking pedestals FTA-UF – For continuous height adjustment

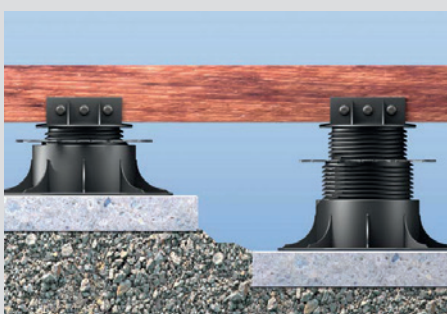
Item	Art. No.	Description	Sales unit [pcs]
FTA-UF 25 – 40 mm	539881	Height compensation 25 – 40 mm	1
FTA-UF 35 – 70 mm	539882	Height compensation 35 – 70 mm	1
FTA-UF 65 – 155 mm	539883	Height compensation 65 – 155 mm	1



With the decking pedestals FTA-UF the easy and continuous height adjustment is done by simply turning to the right or left (even once installed). The adjustable pedestals provide secure support for the entire structure by adjusting the support rail for gradients which can easily be achieved. You will need approximately 3.5 – 5 decking pads per square meter.

ADVANTAGES AT A GLANCE

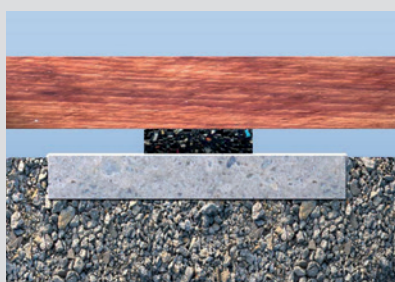
- Continuous height adjustment.
- Adjustable part levels out gradients of up to 8 %.
- High load capacity and weather resistance.
- Compression resistant substrates, instead of a foundation.
- Invisible under the boards.



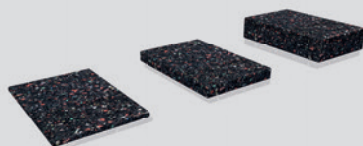
Supplementary Accessories

Rubber pats FTA-UP – For prevention of water logging at the support rail

Item	Art. No.	Description	Sales unit [pcs]
FTA-UP 70 x 70 x 3 mm	539884	Dimensions 70 x 70 x 3 mm	40
FTA-UP 70 x 70 x 8 mm	539885	Dimensions 70 x 70 x 8 mm	24
FTA-UP 70 x 70 x 20 mm	539886	Dimensions 70 x 70 x 20 mm	12



The rubber pats FTA-UP are placed at intervals at certain points under the support rail and will not trap water and dirt.

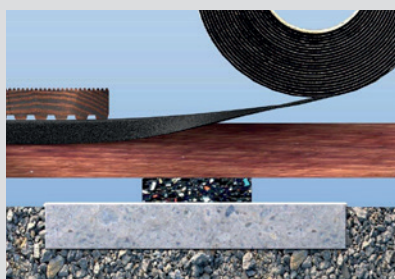


ADVANTAGES AT A GLANCE

- Wood protection towards the top, building protection towards the bottom.
- Ideal for balancing out unevenness up to 40 mm.
- Acts like a sound insulation.
- Prevention of water logging (vapour diffusive material).

Protection tape FTA-RT – For protection of the support rail

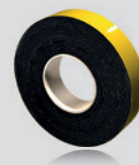
Item	Art. No.	Description	Sales unit [pcs]
FTA-RT 80 x 1 x 20000 mm	540578	Dimensions 80 x 1 x 20000 mm	1 roll – 20 m



The self-adhesive wood-protection tape FTA-RT is to protect the supporting rail against water. The screw can easily be fixed through the rubber-tape and will effectively seal the fixing point.

ADVANTAGES AT A GLANCE

- Tear-resistant self-adhesive tape.
- High resistance against atmospheric conditions, UV and ozone.
- For direct mounting on the wooden support rail.

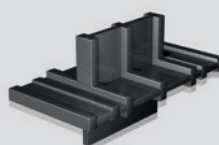


Spacing part FTA-SP – For uniform installation pattern

Item	Art. No.	Description	Sales unit [pcs]
FTA-SP 3/4/5/6/7/8 mm	539888	For distances 3/4/5/6/7/8 mm	12



The spacing part FTA-SP creates uniform spacings between the decking boards. That ensures quick and safe installation of the boards.



ADVANTAGES AT A GLANCE

- Uniform distances.
- Quick alignment while installing (the beams).
- Offers six different gap dimensions.

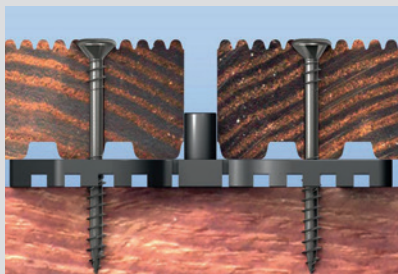
fischer Terrace Screws

Terrace Screws FPF-ST-Power-Fast

Item	Art. No.	Description	Sales unit [pcs]
FPF-ST 5,5 x 40 A2P 200	660614	Dimensions 5,5 x 40	200
FPF-ST 5,5 x 50 A2P 200	660615	Dimensions 5,5 x 50	200
FPF-ST 5,5 x 60 A2P 200	660616	Dimensions 5,5 x 60	200
FPF-ST 5,5 x 70 A2P 200	660617	Dimensions 5,5 x 70	200
FPF-ST 5,5 x 80 A2P 200	660618	Dimensions 5,5 x 80	200

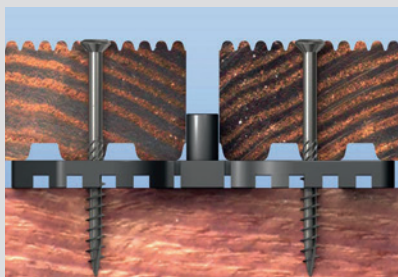
Terrace Screws FTS-ST-Standard

FTS-ST 5,0 x 40 A2P 200	660602	Dimensions 5,0 x 40	200
FTS-ST 5,0 x 50 A2P 200	660604	Dimensions 5,0 x 50	200
FTS-ST 5,0 x 50 A2P 500	660605	Dimensions 5,0 x 50	500
FTS-ST 5,0 x 60 A2P 150	660607	Dimensions 5,0 x 60	150
FTS-ST 5,0 x 60 A2P 500	660608	Dimensions 5,0 x 60	500
FTS-ST 5,0 x 70 A2P 100	660610	Dimensions 5,0 x 70	100
FTS-ST 5,0 x 80 A2P 100	660612	Dimensions 5,0 x 80	100



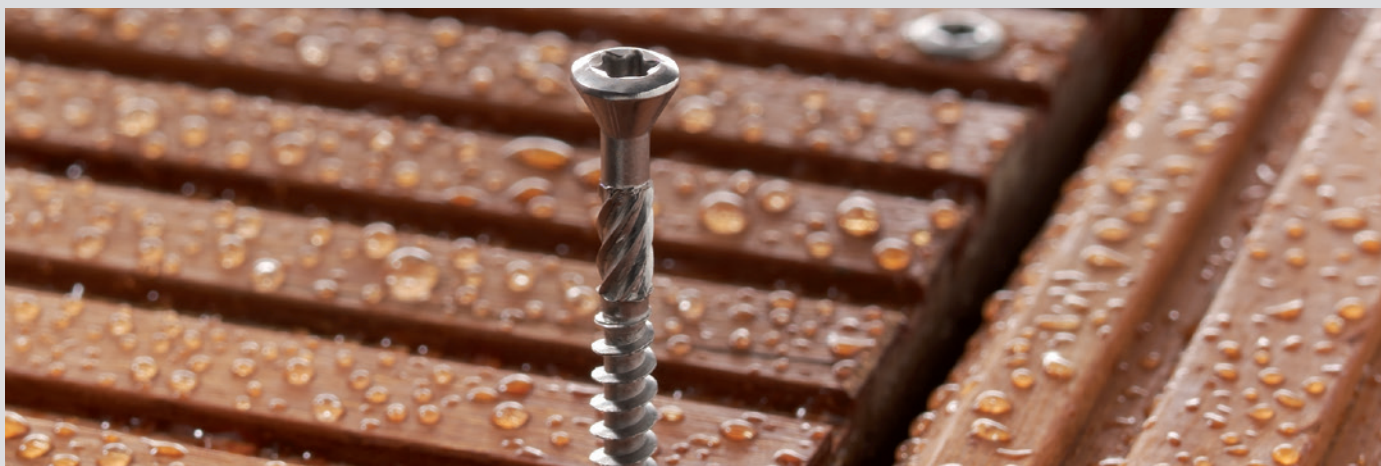
The double thread protects the wood, even in hard and tropical woods.

The additional threads under the head provide a stable and lasting fixing for the coating on the support rail. It also prevents 'squeeking' caused by the wood shrinking.



ADVANTAGES AT A GLANCE

- Gap-free screwing of timber.
- Easy to fix, even in hard woods.
- Surface can be walked on bare foot thanks to the smooth countersunk head with additional milling ribs under the head.
- Pinpoint fixing due to the special screw thread.







fischer FIXPERIENCE. The design and information software suite.



- The modular design program includes engineering software and application modules.
- The software is based on international design standards (ETAG 001 and EC2, such as EC1, EC3 and EC5), including the national application documents. All common force and measurement units are available.
- Incorrect input will be recognized and the software gives tips to get a correct result. This ensures a safe and reliable design every time.
- The graphical display can easily be rotated through 360°, panned, tilted or zoomed as required.
- The 3D display gives a detailed and realistic image.
- The "live update" feature helps to keep the program up to date ensuring you are always working with the latest version.
- Free download and updates at www.fischer.de/fixperience-en

Our service to you.



We are available to you at any time as a reliable partner to offer technical support and advice:

- Our products range from chemical resin systems to steel anchors through to nylon anchors.
- Competence and innovation through own research, development and production.
- Global presence and active sales service in over 100 countries.
- Qualified technical consulting for economical and compliant fastening solutions. Also on-site at the construction site if requested.
- Training sessions, some with accreditation, at your premises or at the fischer ACADEMY.
- Design and construction software for demanding applications.

This is what fischer stands for.



FIXING SYSTEMS



AUTOMOTIVE SYSTEMS



FISCHERTECHNIK



CONSULTING

See the extensive main catalogue or visit our website at www.fischer.de for information about the complete fischer range