

# RECYFIX®PRO / RECYFIX®PLUS / RECYFIX®STANDARD - Installation instruction

Our installation instructions/examples are suggestions that are generally accepted in the trade. Any special installation details required due to local conditions need to be specified by a qualified engineer.

Technical regulatory instruments and guidelines applicable in the respective state or country should be taken into account for installation.

1. Please ensure that the adjoining surface finishes are laid to finish permanently 3 to 5 mm higher than the top edge of the channel.
2. Dig a trench and set the outlet for connecting to the ground drainage pipe. First set the inlet box or the first channel directly adjacent to the ground drainage pipe and join them up.  
Join up the next channel elements using the tongue and groove joint in the units. Make sure to observe the direction of the arrow on the channels.
3. Place the end cap and keep the grating inserted for reinforcement. Prepare the lateral concrete bearing. Please consider therefore the information on the installation drawings depending on the installation situation and the required load class.
4. Where the installed product is subject to horizontal forces, e.g. in concreted areas and reinforced concrete structures, effective expansion joints have to be provided in both directions in accordance with DIN 18318.
5. Where the products are installed in paved surfaces, the joint along the channels should be filled with paving gravel or bitumen compound.

#### Notes for bolting:

Composite locking handle of nominal width 100 mm and 150 mm should be tightened with 4 rotations after tightening the screw.

When fixing on the grating with locking handle made of steel, a maximum tightening torque of 5 Nm must not be exceeded.

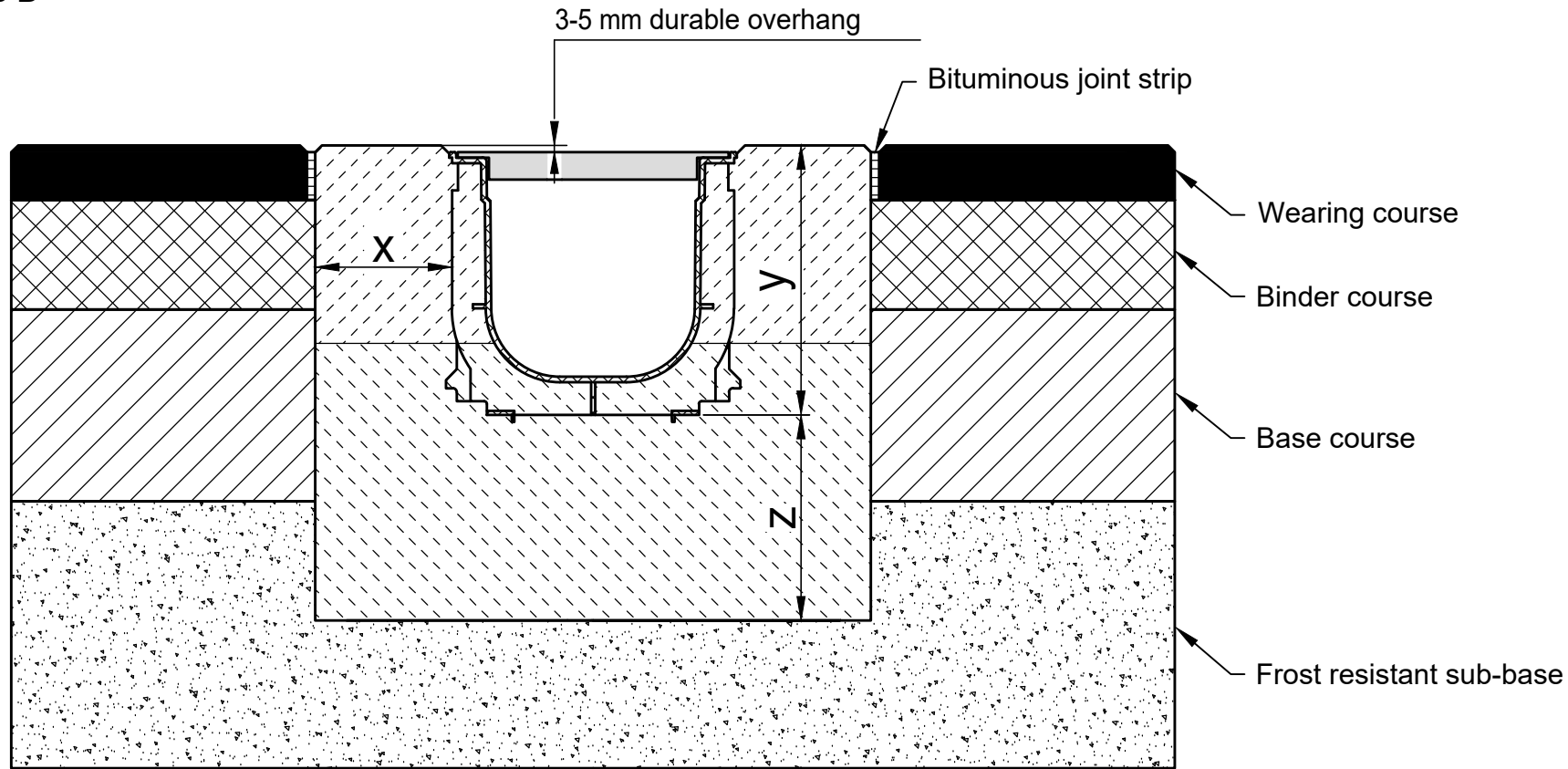
The channels and fixing parts must be cleaned and maintained at regular intervals. For use in underground garages and parking deck areas, we recommend using special screw connections made of extremely corrosion-resistant materials. Ask us - we have the right solution for you.

These installation instructions apply similarly to inlet boxes.


Note: The information provided here represents our best knowledge and experience to date. We reserve the right to make changes as technology advances and for the purpose of continuing product development. Users of the products are responsible for checking the functions and application options of these products by consulting with qualified engineers. The mentioning of trade names does not constitute a recommendation and does not preclude the use of other products that have been tested in the same way. For further information please refer to the respective safety data sheets or application areas, e.g. for elastic sealing compounds. Any new edition of this publication renders older editions invalid. Date: 05/20

**Look up our current installation instructions on the internet under [www.hauraton.com](http://www.hauraton.com)**

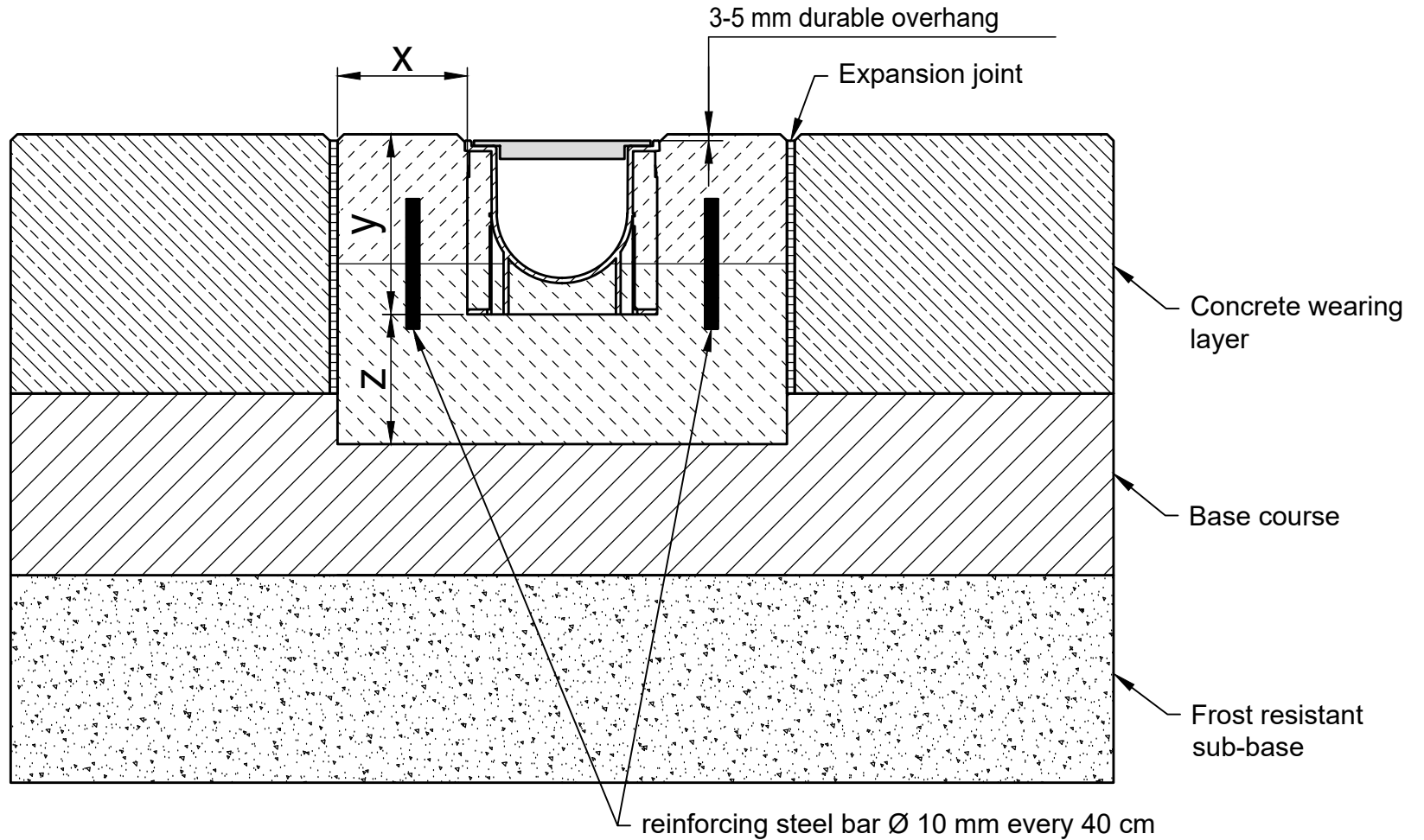
# Installation example in asphalted areas class B




\* y = Channel height plus camber

Class category according to AS 3996		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	Applying to following systems: <b>RECYFIX STANDARD 100, 150, 200, 300</b> <b>RECYFIX PLUS 100, 150, 200, 300</b>
Foundation: width x / thickness z / height y (in cm)			10 / 15 / *					
The named concrete quality is a minimum quality								
EN 206-1 / DIN 1045-2	quality of concrete stretcher		C 30/37 XF 4					
	with danger of frost on the lateral support		C 30/37 XD 1					
The installation examples / advise constantly are adapted to the technical conditions. With new editions older expenditures lose their validity. Before planning or installation please verify the current version at <a href="http://www.hauraton.com">www.hauraton.com</a> In building construction is a sealing layer below the channels necessary.		Date: 25.10.2018			Our general installation instructions apply.			Format DIN A4
		0000055956.dwg EBBw						scale 1:5
** Not for use in continuously frequented areas of carriageways or motorways		RF-StaL-150 Typ 01 Rinnenunterteil Einbaubeispiel Klasse C 250 in Asphalt						 Unit 4, Frenchs Avenue LU6 1BH Dunstable / Bedfordshire Tel. +44 1582 50 1380 technical@hauraton.co.uk

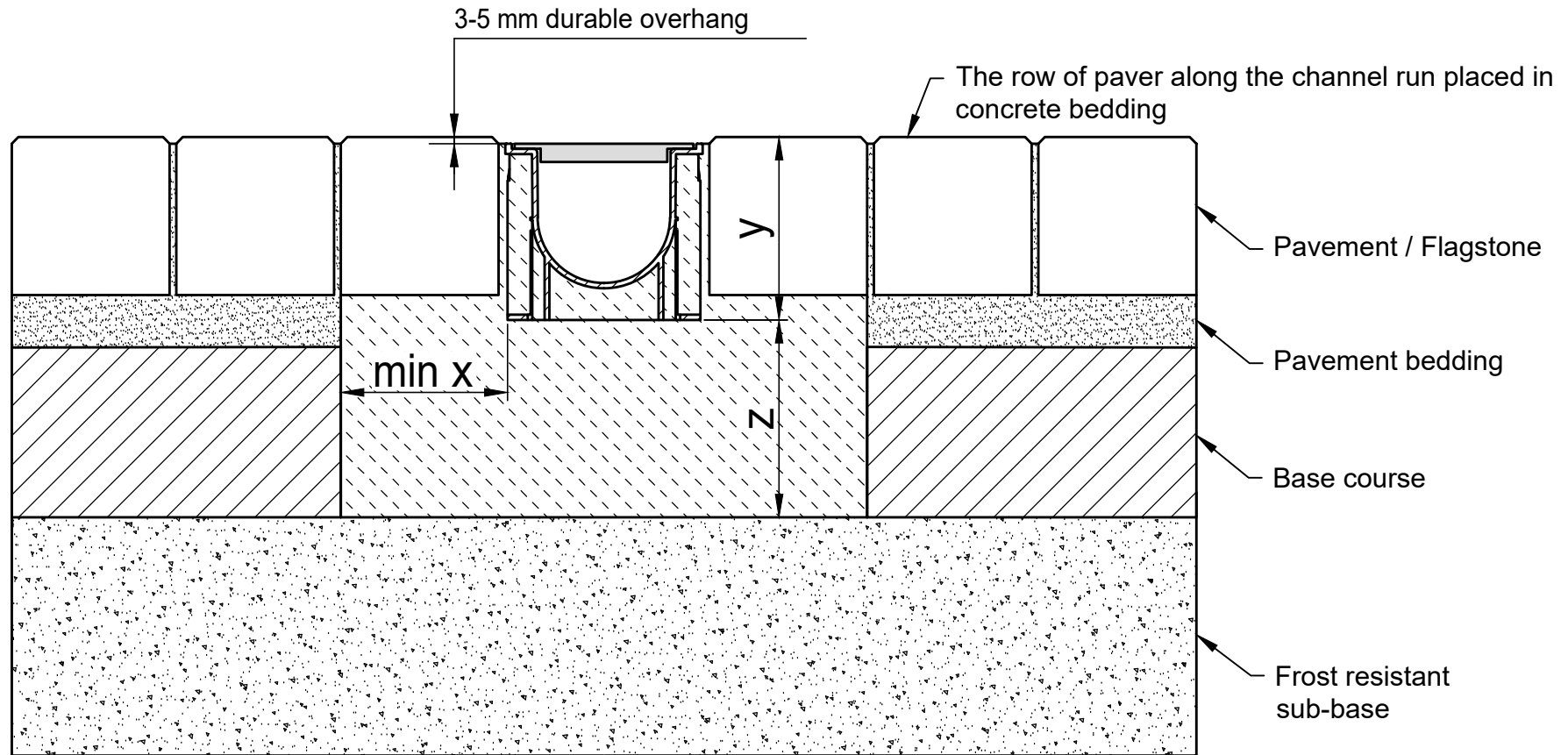
# Installation example concrete class B




\* y = Channel height plus camber

Class category according to AS3996		A	B	C	D	E	F	Applying to following systems: <b>RECYFIX STANDARD 100, 150, 200, 300</b> <b>RECYFIX PLUS 100, 150, 200, 300</b>
Foundation: width x / thickness z / height y (in cm)		10 / 10 / *	10 / 10 / *	10 / 15 / *				
The named concrete quality is a minimum quality								
EN 206-1 / DIN 1045-2	quality of concrete stretcher	C 30/37 XF 4	C 30/37 XF 4	C 30/37 XF 4				
	with danger of frost on the lateral support	C 30/37 XD 1	C 30/37 XD 1	C 30/37 XD 1				
The installation examples / advise constantly are adapted to the technical conditions. With new editions older expenditures lose their validity. Before planning or installation please verify the current version at <a href="http://www.hauraton.com">www.hauraton.com</a> In building construction is a sealing layer below the channels necessary.		Date: 24.10.2018			Our general installation instructions apply.			Format DIN A4
		0000023627.dwg EBBw						scale 1:5
** Not for use in continuously frequented areas of carriageways or motorways		RF-StaN-100 Typ 01 Rinnenunterteil Einbaubeispiel Klasse B 125 in Beton						 Unit 4, Frenchs Avenue LU6 1BH Dunstable / Bedfordshire Tel. +44 1582 50 1380 technical@hauraton.co.uk

# Installation example Pavement class B



\* y = Channel height plus camber

Class category according to AS3996		A	B	C	D	E	F	Applying to following systems: <b>RECYFIX STANDARD 100, 150, 200, 300</b> <b>RECYFIX PLUS 100, 150, 200, 300</b>
Foundation: width x / thickness z / height y (in cm)			10 / 15 / *					
The named concrete quality is a minimum quality								
EN 206-1 / DIN 1045-2	without danger of frost on the lateral support		C 20/25					
	with danger of frost on the lateral support		C 30/37 XD 1					
The installation examples / advise constantly are adapted to the technical conditions. With new editions older expenditures lose their validity. Before planning or installation please verify the current version at <a href="http://www.hauraton.com">www.hauraton.com</a> In building construction is a sealing layer below the channels necessary.		Date: 24.10.2018			Our general installation instructions apply.			Format DIN A4
								scale 1:5
		0000023610.dwg EBBw			RF-StaN-100 Typ 01 Rinnenunterteil Einbaubeispiel Klasse C 250 in Pflaster			 Unit 4, Frenchs Avenue LU6 1BH Dunstable / Bedfordshire Tel. +44 1582 50 1380 technical@hauraton.co.uk
** Not for use in continuously frequented areas of carriageways or motorways								