



RECOSTAL[®] Keyboard XL/XL-D

Crack Inducer

RECOSTAL[®] XL/XL-D

RECOSTAL[®] Keyboard XL units are designed for the installation of isolation joints in industrial floor slabs and deck slabs with controlled cracks along the joint. The trapezoidal profile induces a key-profiled control joint. To withstand stronger shear forces, the RECOSTAL[®] Keyboard XL unit can also be equipped with dowel bars. The available RECOSTAL[®] Keyboard XL-D variant is used to create dilatations.



Benefits

- Trapezoidal profile
- Fast Installation
- Special types and sizes on request
- Adjustable height with KBS formbrace
- Optional dowel bars, sleeves and openings
- Joint expansion less than 3 mm
- For XL-D variant, standard dilatation thickness 1 cm

Technical data

- Material: galvanized steel sheet
- Unit length: 300 cm
- Dilatation: styrofoam 1 cm (different thickness on request)
- Packaging: packed on pallets, shrink wrapped
- Unit height = 145 - 265 mm
- Storage: no limitation

Keyboard Type	Formbrace Type	Unit Height [mm]	Slab Height [mm]
XL 180	KBS 180	145	180
XL 200	KBS 200	165	200
XL 250	KBS 250	215	250
XL 300	KBS 300	265	300

Installation

The keyboard KBS formbraces are positioned at distances of approx. 1.00 m (note sticker pointing out direction) and rigidly fixed with pegs and/or mortar. Then the keyboard units are placed into the formbraces, adjusted in height and lap joints are fixed with the plastic screws included in the delivery. After that the plastic cap strips are attached to the unit. In low temperatures we recommend softening the plastic cap strip in warm water.

Associated system products

- PVC cap strip type 75E
- PVC cap strip type 120E
- PVC cap strip type 95P
- Dowel sleeve, PVC, for dowel bars Ø 16 mm
- Dowel sleeve, PVC, for dowel bars Ø 20 mm
- Dowel bar Ø 16 mm
- Dowel bar Ø 20 mm
- KBS formbrace



RECOSTAL® Keyboard XLV/XLW-D

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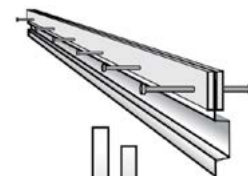
RECOSTAL® XLV/XLW-D

RECOSTAL® Keyboard XLV/XLW units are designed for the installation of isolation joints in industrial floor slabs and deck slabs with controlled cracks along the joint. The trapezoidal profile induces a key-profiled control joint. The top of the units consists of edge protection profiles which protect the concrete edges from spalling. There is a choice between type XLV and type XLW, depending on the respective requirement for edge protection. To withstand stronger shear forces, the RECOSTAL® Keyboard XLS unit can also be equipped with dowel bars. The available RECOSTAL® Keyboard XLV-D/XLW-D variants are used to create dilatations.



Benefits

- Trapezoidal profile
- Steel edge protection
- Fast Installation
- Special types and sizes on request
- Adjustable height with KBS formbrace
- Optional dowel bars, sleeves and openings
- Joint expansion up to 12 mm
- For XLV-D/XLW-D variants, standard dilatation thickness 1 cm



Keyboard XLV



Keyboard XLW

Technical data

- Material: galvanized steel sheet
- Edge protection material: black steel with welded bolts or stainless steel
- Unit length: 300 cm
- Dilatation: styrofoam 1 cm (different thickness on request)
- Packaging: packed on pallets, shrink wrapped
- Unit height = 145 - 265 mm
- Storage: no limitation

Keyboard Type	Formbrace Type	Unit Height [mm]	Slab Height [mm]
XLV/XLW 180	KBS 180	145	180
XLV/XLW 200	KBS 200	165	200
XLV/XLW 250	KBS 250	215	250
XLV/XLW 300	KBS 300	265	300

Installation

The keyboard KBS formbraces are positioned at distances of approx. 1.00 m (note sticker pointing out direction) and rigidly fixed with pegs and/or mortar. Then the keyboard units are placed into the formbraces, adjusted in height and lap joints are fixed with the plastic screws included in the delivery. After that the plastic cap strips are attached to the unit.

Associated system products

- Dowel sleeve, PVC, for dowel bars \varnothing 16 mm
- Dowel sleeve, PVC, for dowel bars \varnothing 20 mm
- Dowel bar \varnothing 16 mm
- Dowel bar \varnothing 20 mm
- KBS formbrace



RECOSTAL® KEYBOARD XLS/ XLS-D

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RECOSTAL® XLS/ XLS-D

RECOSTAL® Keyboard XLS units are designed for the installation of isolation joints in industrial floor slabs and deck slabs with controlled cracks along the joint. The trapezoidal profile induces a key-profiled control joint. A sinusoidal edge protection profile with an amplitude of 75 mm forms the top of the unit to prevent spalling of concrete edges and to ensure vibration and shock-free passage of mobile materials handling trucks with different types of wheels over the construction-related joints in large-area industrial floor slabs. To withstand stronger shear forces, the RECOSTAL® Keyboard XLS unit can also be equipped with dowel bars. The available RECOSTAL® Keyboard XLS-D variant is used to create dilatations.



Benefits

- Trapezoidal profile
- Sinusoidal edge protection
- Fast Installation
- Special types and sizes on request
- Adjustable height with KBS formbrace
- Optional dowel bars, sleeves and openings
- Joint expansion up to 12 mm
- For XLS-D variant, standard dilatation thickness 1 cm

Technical data

- Material: galvanized steel sheet
- Edge protection material: black steel with welded bolts
- Unit length: 300 cm
- Dilatation: styrofoam 1 cm (different thickness on request)
- Packaging: packed on pallets, shrink wrapped
- Unit height = 145 - 265 mm
- Storage: no limitation

Keyboard Type	Formbrace Type	Unit Height [mm]	Slab Height [mm]
XLS 180	KBS 180	145	180
XLS 200	KBS 200	165	200
XLS 250	KBS 250	215	250
XLS 300	KBS 300	265	300

Installation

The RECOSTAL® Keyboard KBS formbraces are positioned at distances of approx. 1.00 m (note sticker pointing out direction) and rigidly fixed with pegs and/or mortar. Then the keyboard units are placed into the formbraces, adjusted in height and lap joints are fixed with the plastic screws included in the delivery. After that the plastic cap strips are attached to the unit.

Associated system products

- Dowel sleeve, PVC, for dowel bars \varnothing 16 mm
- Dowel sleeve, PVC, for dowel bars \varnothing 20 mm
- Dowel bar \varnothing 16 mm
- Dowel bar \varnothing 20 mm
- KBS formbrace

