

RECOSTAL® Keyboard XL/XL-D

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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.

Main Characteristics

- 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 = 120-265 cm
- Storage: no limitation

Keyboard Type	Formbrace Type	Unit Height [mm]	Slab Height [mm]
XL 150	KBS 150	120	150
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 RECASTAL® 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 RECASTAL® 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

Related Products

- RECASTAL® Keyboard XLS/XLS-D
- RECASTAL® Keyboard XLV/XLV-D
- RECASTAL® Keyboard XLW/XLW-D
- Prefabricated Cross or T-shaped units

Safety/ Recommendations*

Wear protective gloves

*The recommendations relating to the application and end-use of our products are based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions. No warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any other advice offered. The user shall rely on his or her own information and tests to determine suitability of the product for the intended use. We reserve the right to update information due to technical progress.