



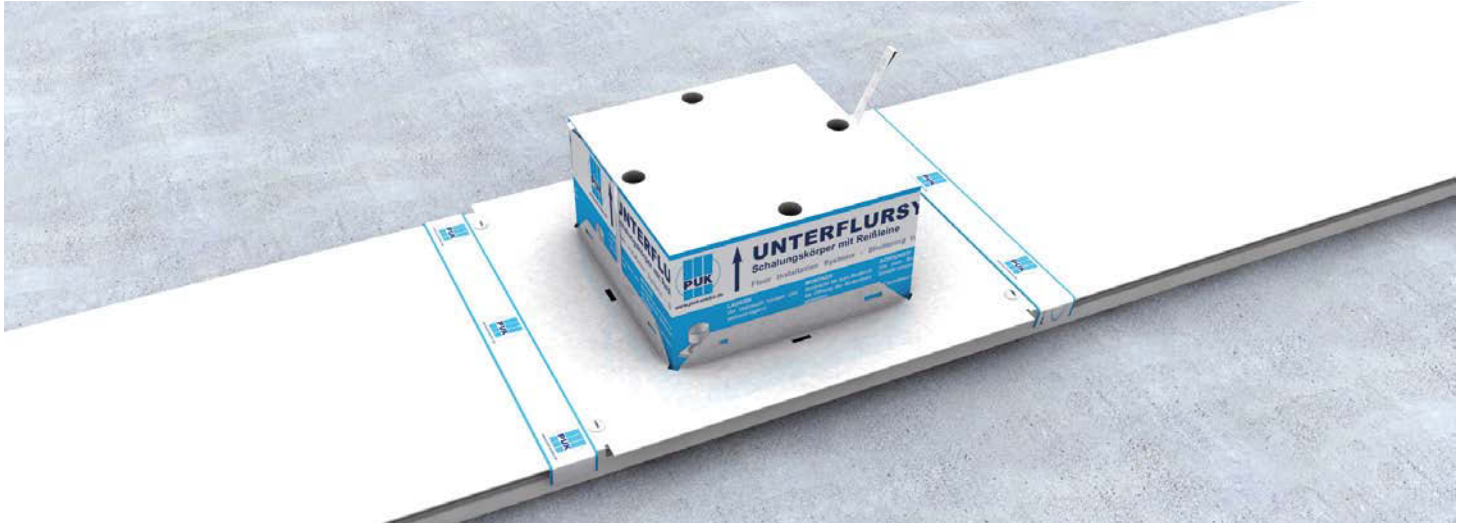
Screed-covered cable duct system

Assembly instruction

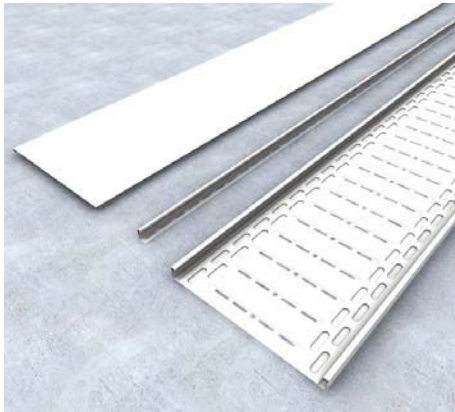


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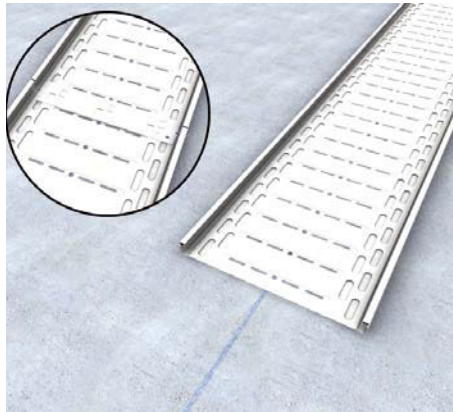


Open, two- respectively three compartment cable duct UKR in the nominal widths $B = 300, 400$ and 500 mm, made of steel sheet with length L of 3000 mm. In heights of $35, 60, 85$ and 110 mm. Loading capacity up to $0,75$ kN. Consisting of a bottom piece with a barrier strip and a separate top piece.



1 | UKR

The screed-covered cable duct consists of a duct bottom piece UKR, a cable duct dummy cover UKD and one, respectively two barrier strips UKTR, including the necessary material for mounting and connecting.



2 | Duct alignment

Measure the duct course according to the approved layout drawing and mark it using a plumb line. Lay bottom piece according to duct course and marking and align in dead centre. Cut ducts and push flush together using the coupler plate VB.



3 | Fixing

Mount duct to the rough concrete in one place per length using plugs.



4 | Junction

In order to create a junction, notch the duct bottom piece according to the width of the duct branch.



5 | Barrier strip

Always fasten barrier strips UKTR symmetrically to the rough concrete using plugs once per metre.

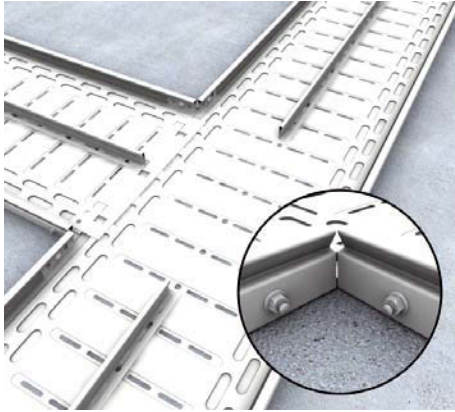


6 | Fastening of barrier strip

Barrier strips must be mounted in parallel offset of the duct.

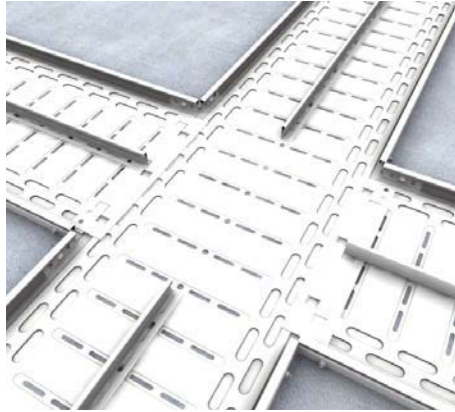
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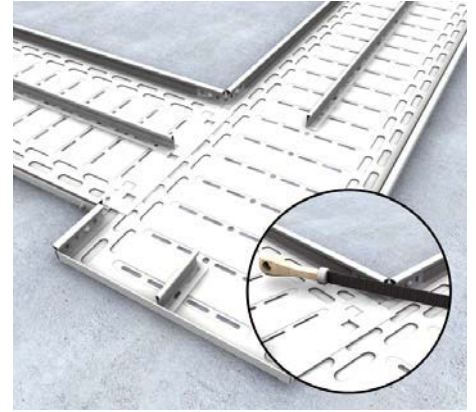
7 | Fitting components

T-extensions, junctions, and 90°bends can be created by notching the duct. Screw couplers together on the inside.



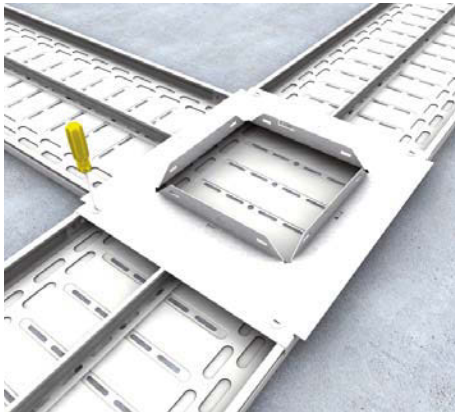
8 | Duct segments

The duct segments are connected by means of extension accessories UKAZ.



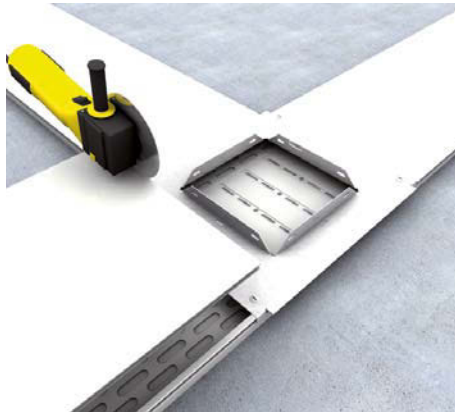
9 | Final assembly of fitting components

The barrier strips must be cut flush at the notches of the extensions and junctions. Trim the interfaces neatly and cold-galvanise.



10 | Assembly cover fitting component

The levelled assembly covers UKDA are mounted to the duct using turning bolts. In case of a subsequent removal of the cover, mark position for the cable pull.



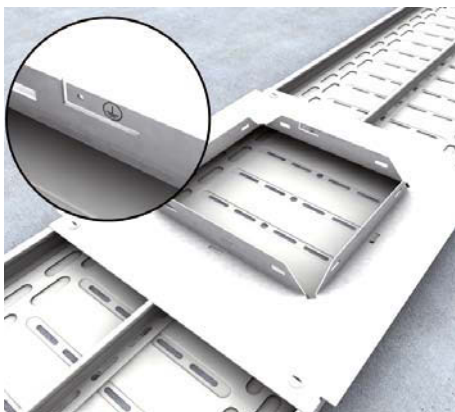
11 | Dummy covers

Cut dummy covers UKD accurate to measurement, place on the duct and then latch in.



12 | Shuttering unit

Insert shuttering unit straight, arrow pointing up, into the opening of the assembly cover. All open areas must be masked according to DIN before applying the screed.



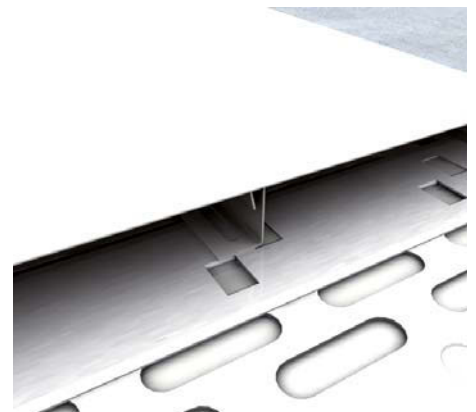
13 | Assembly cover

The assembly covers UKDA are levelled dead centre in duct course and mounted to the duct using turning bolts. All conductive parts must be considered in the potential equalisation.



14 | Duct assembly

Mount duct bottom piece and dummy cover on parallel offset.



15 | Assembly opening

Barrier strips must not extend into the assembly opening, but must end 1-2 mm before.



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