

emco swimming pool grates

**723 Design**

**EMCO**

# emco swimming pool grates

(plastic insert for adhesive bonding, running perpendicular to the pool edge)

## Installation areas:

- private swimming pools
- hotel pools

Not suitable for public pools or pools with high volumes of overflow water.

## Available grid geometry:

- straight grid pattern
- curved grid pattern
- mitred corners

## Profile spacing:

The milling on the plastic insert provides the bonding points to the tiles or natural stone. The plastic insert is prepared on the upper surface such that the maximum permissible gap dimension in accordance with DIN EN 16582-1 and DIN EN 13451-1 can be maintained by the tile/natural stone fitters.

## Overflow channel requirements:

- uniform channel width and support height
- completely flat supporting surfaces for the grate (with no height offset)

The following also applies for curved patterns:

- both supporting surfaces are at exactly the same height (no slopes permitted)
- minimum channel radius: 1,000 mm (smaller radii available on request)
- the pattern must have a constant radius

## Water drainage:

water drainage is via four unconnected, parallel drainage slots. Due to the low available cross-section of the bonded plastic inserts, it is sometimes possible for water to overflow onto the area surrounding the pool. This is not a reason for complaint. In the event of high volumes of water, a classic, emco swimming pool grate made from solid plastic should be used right from the start.

## Standard colour:

deep black, similar to RAL 9005

Available on request in white, similar to RAL 9010

## Properties:

- custom plastic insert
- supports poolside loading from standard foot traffic
- compatible with most overflow channels
- can also be retrofitted (see p4)

## Technical specifications:

Type	Height* (mm)	Grate width (mm)	Segment length (mm)
723 Design	approx. 22-32	150 - 300	max. 600

\*incl. 8mm thick tile strips  
Note: construction heights of less than 28 mm are achieved by notching out on both sides on the underside of the plastic insert.



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## Support chassis/plastic insert:

The full profiles with milled upper surface are connected to rigid plastic inserts using threaded plastic rods and intermediate rollers. The inserts are prepared for on-site bonding to tiles or natural stone strips.

## Text for invitation to tender::

[www.emco-bau.com](http://www.emco-bau.com)

[www.ausschreiben.de](http://www.ausschreiben.de)

## General note:

Tiles or natural stone surfaces are to be delivered to site, cut to size, edge chamfered, and bonded following emco fitting instructions by specialist tile or natural stone companies.

## Tile requirements:

- approved for use in wet, barefoot areas and checked for non-slip properties
- type 723 DESIGN with a tile thickness of 8 mm is stipulated as standard
- other tile thicknesses are to be discussed with emco before production is commenced (minimum tile thickness: 7 mm)
- tile selection is not restricted to a specific manufacturer

## Natural stone requirements:

- in principle, the appropriate natural stone suitable for swimming pools must be selected by a specialist planner or specialist natural-stone processor, taking into account the required non-slip properties, as well as the water quality and water treatment
- natural stone results in different construction heights than when using tiles due to the material thickness
- natural stone should generally not be used with a salt-water pool

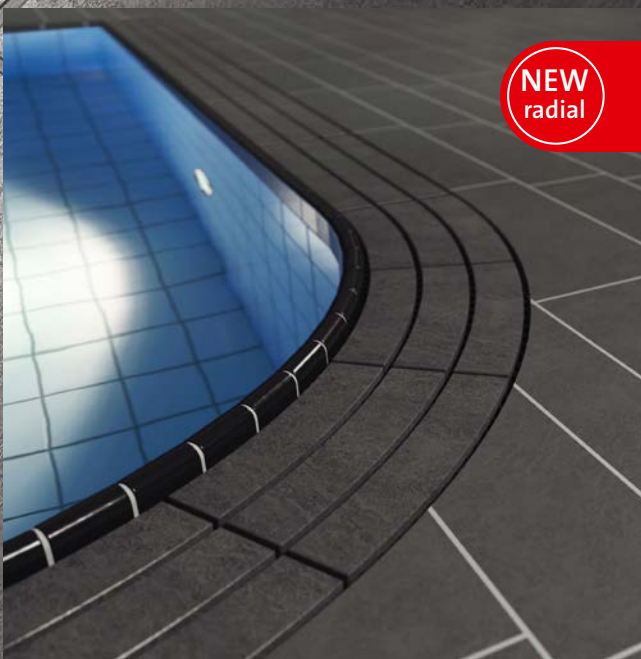


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## Type 723 DESIGN

Cover for overflow channels in private swimming pools and hotel pools where the primary concern is to visually blend the swimming pool grate with the area surrounding the pool.

The rigid plastic insert type 723 DESIGN is supplied which can be bonded on site to tiles or natural stone strips.



# emco swimming pool grates update

Luxury renovation

## Easy swimming pool upgrade

The type 723 DESIGN swimming pool grate is characterised by a high degree of design flexibility. Simply replacing the old swimming pool grates with the type 723 DESIGN allows owners to upgrade the appearance of their swimming pool even after years of use.



Conventional plastic grates / other manufacturer



emco Type 723 DESIGN with tiles selected by the owner



Free sample?  
Simple – just scan the QR code!

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