

TECHNICAL CATALOG 2017

WALK THE WAVE™
Swimming pool grating

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1.1. Classic swimming pool grating

Classic grating for swimming pool overflow channels with high anti-slip properties and additional middle click-connection for easy installation and stability. Made from specially developed plastic material of high impact and abrasion resistance with UV and light stabilization. Resistant to chlorine and sea water, UV radiation and common cleaning agents.

Properties

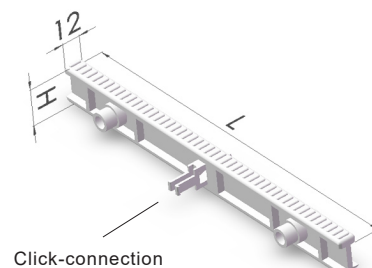
High impact and abrasion resistance, resistance to UV radiation, chlorine and sea water and common cleaning agents.
Light stabilized colors (factor 8): ☐ White RAL 9016.

Hygienic certificate.

EN 13451-1 "Swimming pool equipment - General safety requirements and test methods".

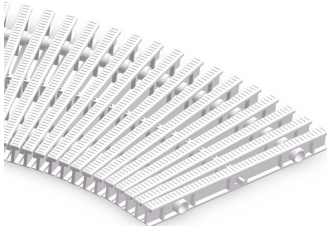
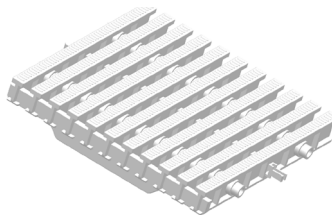
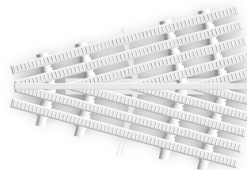


Anti-slip properties DIN 51097 class C.
Parallel: 32°, Perpendicular 31°.



Type	Grating height	Standard grating width	Catalog number	Non standard grating width	Catalog number	Minimal internal radius
Fixed segment						
Segment (1m) for straight and R>3m channels.						
	22 mm	195 mm	GP-1219	130 - 194 mm	GP-1219A	3000 mm
		245 mm	GP-1224	196 - 244 mm	GP-1224A	
		295 mm	GP-1229	246 - 294 mm	GP-1229A	
		335 mm	GP-1233	296 - 334 mm	GP-1233A	
	25 mm	195 mm	GP-1519	130 - 194 mm	GP-1519A	
		245 mm	GP-1524	196 - 244 mm	GP-1524A	
		295 mm	GP-1529	246 - 294 mm	GP-1529A	
		335 mm	GP-1533	296 - 334 mm	GP-1533A	
	35 mm	195 mm	GP-1319	130 - 194 mm	GP-1319A	
		245 mm	GP-1324	196 - 244 mm	GP-1324A	
		295 mm	GP-1329	246 - 294 mm	GP-1329A	
		335 mm	GP-1333	296 - 334 mm	GP-1333A	



* Optimal channel width = grating width + 2 to 5 mm.

Type	Grating height	Standard grating width	Catalog number	Non standard grating width	Catalog number	Minimal internal radius
Flexible segment						
<div>Segment (1m) for curved channels.</div> 	22 mm	195 mm	GP-2219	130 - 194 mm	GP-2219A	550 mm
		245 mm	GP-2224	196 - 244 mm	GP-2224A	674 mm
		295 mm	GP-2229	246 - 294 mm	GP-2229A	811 mm
		335 mm	GP-2233	296 - 334 mm	GP-2233A	948 mm
	25 mm	195 mm	GP-2519	130 - 194 mm	GP-2519A	550 mm
		245 mm	GP-2524	196 - 244 mm	GP-2524A	674 mm
		295 mm	GP-2529	246 - 294 mm	GP-2529A	811 mm
		335 mm	GP-2533	296 - 334 mm	GP-2533A	948 mm
	35 mm	195 mm	GP-2319	130 - 194 mm	GP-2319A	550 mm
		245 mm	GP-2324	196 - 244 mm	GP-2324A	674 mm
		295 mm	GP-2329	246 - 294 mm	GP-2329A	811 mm
		335 mm	GP-2333	296 - 334 mm	GP-2333A	948 mm
Angle 90°						
<div>Angle 90° with angular support.</div> 	22 mm	195 mm	GP-3219	130 - 194 mm	GP-3219A	
		245 mm	GP-3224	196 - 244 mm	GP-3224A	
		295 mm	GP-3229	246 - 294 mm	GP-3229A	
		335 mm	GP-3233	296 - 334 mm	GP-3233A	
	25 mm	195 mm	GP-3519	130 - 194 mm	GP-3519A	
		245 mm	GP-3524	196 - 244 mm	GP-3524A	
		295 mm	GP-3529	246 - 294 mm	GP-3529A	
		335 mm	GP-3533	296 - 334 mm	GP-3533A	
	35 mm	195 mm	GP-3319	130 - 194 mm	GP-3319A	
		245 mm	GP-3324	196 - 244 mm	GP-3324A	
		295 mm	GP-3329	246 - 294 mm	GP-3329A	
		335 mm	GP-3333	296 - 334 mm	GP-3333A	
Special angle (α)						
<div>Special angle with diagonal angular support.</div> 	22 mm	195 mm	GP-4219	130 - 194 mm	GP-4219A	
		245 mm	GP-4224	196 - 244 mm	GP-4224A	
		295 mm	GP-4229	246 - 294 mm	GP-4229A	
		335 mm	GP-4233	296 - 334 mm	GP-4233A	
	25 mm	195 mm	GP-4519	130 - 194 mm	GP-4519A	
		245 mm	GP-4524	196 - 244 mm	GP-4524A	
		295 mm	GP-4529	246 - 294 mm	GP-4529A	
		335 mm	GP-4533	296 - 334 mm	GP-4533A	
	35 mm	195 mm	GP-4319	130 - 194 mm	GP-4319A	
		245 mm	GP-4324	196 - 244 mm	GP-4324A	
		295 mm	GP-4329	246 - 294 mm	GP-4329A	
		335 mm	GP-4333	296 - 334 mm	GP-4333A	
Optimal channel width = grating width + 2 to 5 mm.						

1.2. ZEN swimming pool grating

ZEN swimming pool grating for overflow channels designed for superior water removal, simple maintenance and comfortable walking. Additional middle click-connection for easy installation and stability. Made from specially developed plastic material of high impact and abrasion resistance with UV and light stabilization. Resistant to chlorine and sea water, UV radiation and common cleaning agents.

Properties

High impact and abrasion resistance, resistance to UV radiation, chlorine and sea water and common cleaning agents.
Light stabilized colors (factor 8):  White RAL 9016  Beige RAL 1013  Blue RAL 5012.

35% more water removal than classic systems.

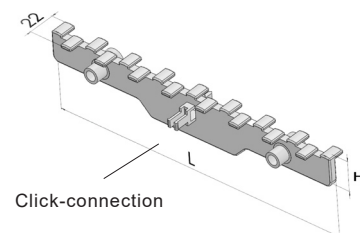
Hygienic certificate.

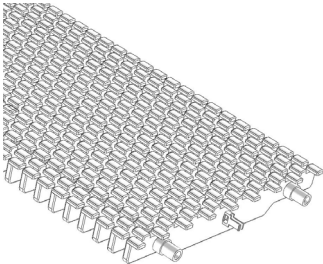
EN 13451-1 "Swimming pool equipment - General safety requirements and test methods".

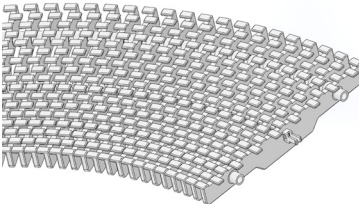
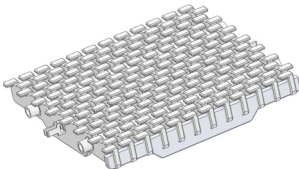
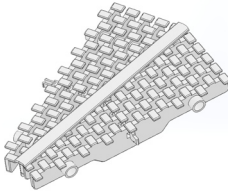


Anti-slip properties DIN 51097 class C.

Parallel: 34°, Perpendicular: 33°






Type	Grating height	Standard grating width	Catalog number	Non standard grating width	Catalog number	Minimal internal radius
Fixed segment						
Segment (1m) for straight and R>3m channels.						
	22/25 mm	195 mm	GP-ZEN119	130 - 194 mm	GP-ZEN119A	3 000 mm
		245 mm	GP-ZEN124	196 - 244 mm	GP-ZEN124A	
		295 mm	GP-ZEN129	246 - 294 mm	GP-ZEN129A	
		335 mm	GP-ZEN133	296 - 334 mm	GP-ZEN133A	
		Optimal channel width = grating width + 2 to 5 mm.				

Type	Grating height	Standard grating width	Catalog number	Non standard grating width	Catalog number	Minimal internal radius
Flexible segment						
Segment (1m) for curved channels.						
	22/25 mm	195 mm	GP-ZEN219	130 - 194 mm	GP-ZEN219A	550 mm
		245 mm	GP-ZEN224	196 - 244 mm	GP-ZEN224A	674 mm
		295 mm	GP-ZEN229	246 - 294 mm	GP-ZEN229A	811 mm
		335 mm	GP-ZEN233	296 - 334 mm	GP-ZEN233A	948 mm
Angle 90°						
Angle 90° with angular support.						
	22/25 mm	195 mm	GP-ZEN319	130 - 194 mm	GP-ZEN319A	
		245 mm	GP-ZEN324	196 - 244 mm	GP-ZEN324A	
		295 mm	GP-ZEN329	246 - 294 mm	GP-ZEN329A	
		335 mm	GP-ZEN333	296 - 334 mm	GP-ZEN333A	
Special angle (α)						
Special angle with diagonal angular support.						
	22/25 mm	195 mm	GP-ZEN419	130 - 194 mm	GP-ZEN419A	
		245 mm	GP-ZEN424	196 - 244 mm	GP-ZEN424A	
		295 mm	GP-ZEN429	246 - 294 mm	GP-ZEN429A	
		335 mm	GP-ZEN433	296 - 334 mm	GP-ZEN433A	
Optimal channel width = grating width + 2 to 5 mm.						

1.3. Exclusive bi-material swimming pool grating

Exclusive swimming pool grating model for overflow channels made by bi-material plastic injection moulding technology. Designed for high anti-slip protection and comfortable walking. Additional middle click-connection for easy installation and stability. Made from specially developed plastic material of high impact and abrasion resistance with UV and light stabilization. Resistant to chlorine and sea water, UV radiation and common cleaning agents.

Properties

High impact and abrasion resistance, resistance to UV radiation, chlorine and sea water and common cleaning agents.
Light stabilized colors (factor 8):  White RAL 9016  Beige RAL 1013  Blue RAL 5012.

High performance thermoplastic elastomer upper surface.

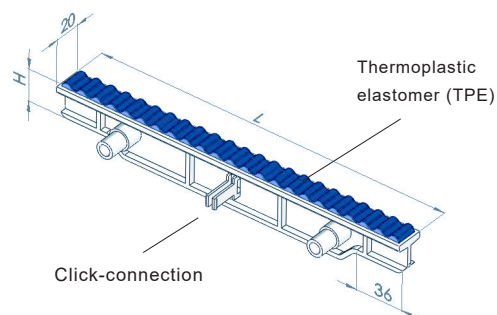
Hygienic certificate.

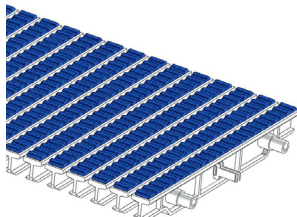
EN 13451-1 "Swimming pool equipment - General safety requirements and test methods".

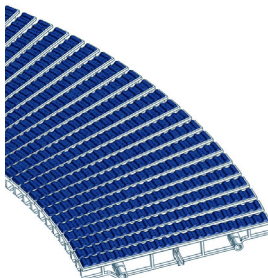
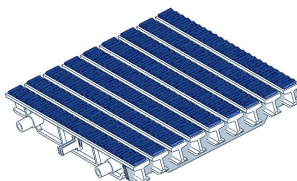
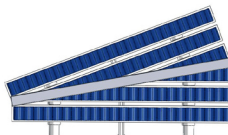


Anti-slip properties DIN 51097 class C.

Parallel: 32°, Perpendicular: 35°.



Type	Grating height	Standard grating width	Catalog number
Fixed segment			
Segment (1m) for straight channels.			
	22/25 mm	198 mm	GP-W119
		248 mm	GP-W124
		298 mm	GP-W129
		346 mm	GP-W133
Optimal channel width = grating width + 2 to 5 mm.			

Type	Grating height	Standard grating width	Catalog number	Minimal internal radius
Flexible segment				
Segment (1m) for curved channels. Smaller radiuses available upon demand.				
	22/25 mm	195 mm	GP-W219	1 250 mm
		245 mm	GP-W224	1 500 mm
		295 mm	GP-W229	2 000 mm
		335 mm	GP-W233	2 500 mm
Angle 90°				
Angle 90° with angular support.				
	22/25 mm	195 mm	GP-W319	
		245 mm	GP-W324	
		295 mm	GP-W329	
		335 mm	GP-W333	
Special angle (α)				
Special angle with diagonal angular support.				
	22/25 mm	195 mm	GP-W419	
		245 mm	GP-W424	
		295 mm	GP-W429	
		335 mm	GP-W433	
Optimal channel width = grating width + 2 to 5 mm.				

2.0. Installation and maintenance

Installation

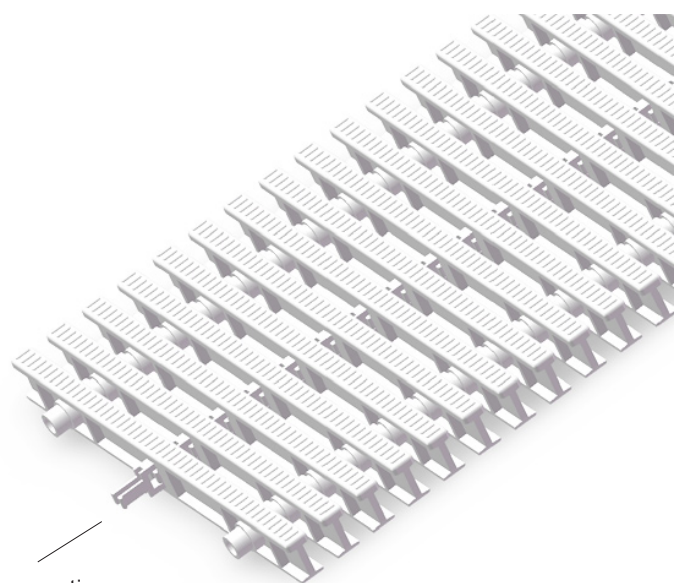
OPTIMAL CHANNEL WIDTH: 2 -5 MM MORE THAN GRATING WIDTH.

For straight or curved lines $R_{min} > 3m$ use fixed segment. FIXED SEGMENT FUNCTIONS AS A DUAL SYSTEM: pulled together, segment becomes completely fixed, perfect for straight channels; stretched segment becomes slightly flexible, for channels with internal radius $R_{min} > 3m$. For curved lines $R_{min} < 3m$ choose FLEXIBLE SEGMENT. If you install angles as well, install them before standard segments.

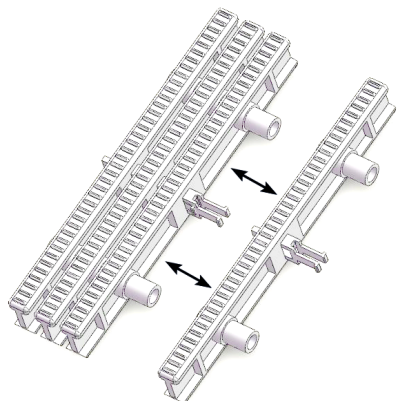
CONTACT US FOR ADDITIONAL INFORMATION, TECHNICAL DOCUMENTATION AND SUPPORT.

Click-connection

Custom segments (1m) are connected with two side connections and additional middle click-connection. Use middle click-connection to simply adjust the length of a segment.



Click-connection



TO ADJUST THE SEGMENT LENGTH, ADD OR REMOVE AN ELEMENT ONE AT A TIME AND ALWAYS FROM THE FRONT SIDE. Use pliers if necessary. Remove excessive part of the last click-connection in the segment so it can fit perfectly into a next segment in line.

Maintenance

REGULAR MAINTENANCE OF SWIMMING POOL GRATING AND OVERFLOW CHANNEL IS IMPORTANT FOR SAFETY OF ALL SWIMMING POOL USERS. Thorough and regular maintenance will extend the service life of a product and ensure optimal performance. Improper and irregular maintenance can result in poor appearance, decrease in anti-slip properties and cause permanent damages to a product.

SWIMMING POOL GRATING AND OVERFLOW CHANNEL SHOULD BE CLEANED AT LEAST ONCE A WEEK IN COMPLIANCE WITH THE REQUIREMENTS OF DIN 19643 STANDARD.

Follow the instructions of cleaning agent manufacturer precisely. Cleaning agents must be rinsed off abundantly with clean cold water under pressure. TOO HIGH CONCENTRATION OF A CLEANING AGENT, TOO LONG REACTION TIME, INADEQUATE RINSING OR USE OF INADEQUATE BRUSHES CAN PERMANENTLY DAMAGE THE PRODUCT.

For longer service life of a product, protect grating from winter conditions on outdoor swimming pools. Take off swimming pool grating from overflow channel, thoroughly clean them and rinse with plenty of clean cold water under pressure. Leave grating to completely dry. Storage grating on a cold, dry and dark place and protect them from dust.

WE DO NOT ACCEPT LIABILITY FOR DAMAGES CAUSED BY FAILURE IN FOLLOWING THESE MAINTENANCE INSTRUCTIONS OR INCORRECT USE OF A PRODUCT.

Technical difficulties

ANY DISASSEMBLING OF SEGMENTS OR DAMAGED GRATING CAN PRESENT A DANGER FOR SWIMMING POOL USERS. Damaged grating should be immediately replaced and disassembled segments reconnected. Middle click-connection will allow you to do this in a few minutes.

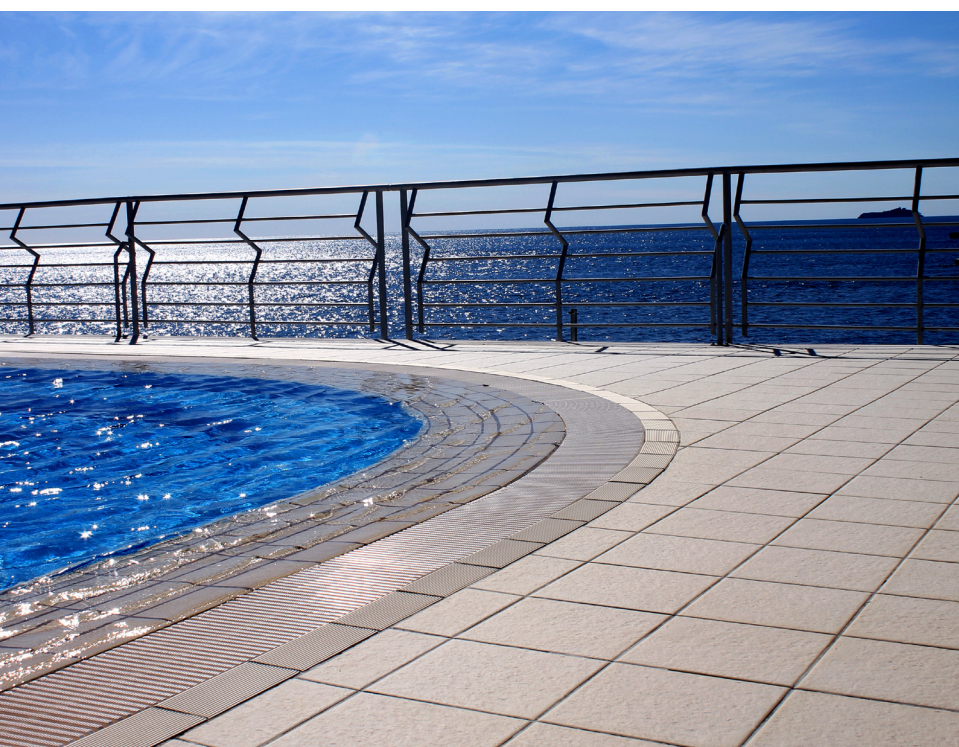
CONTACT US FOR TECHNICAL SUPPORT OR ADDITIONAL PARTS IF NEEDED.

Special warnings

The nature of highly anti-slip material in a bi-material model comes with specific properties.

On the parts where swimming pool grating is under water, the upper anti-slip material can mildly change color. The effect is temporary and common for this type of material; after the grating is completely dried, the color returns to normal.

Bi-material model has to be strictly maintained according to this instructions. Neglecting of regular and proper maintenance can permanently damage the upper soft thermoplastic material.



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