

## With C/S Zip Block Everyone Wins!

Because of the unique performance features of the Zip Block joint system, there is absolutely no downside!

The design engineer can confidently specify a seal system with no known equals, eliminating substitution of inferior products like elastomeric concrete! With Zip Block, the installer not only enjoys the benefit of a clean installation, but can get it done in half the time, thereby maximizing one's earning capability.

Last, by no means least, the owner truly benefits from a trouble-free joint system, no more law suits and closed for repair signs.

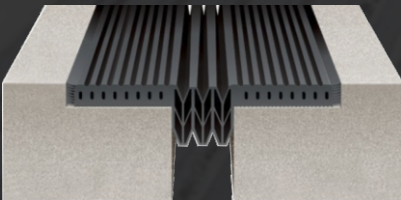
Why wouldn't you use Zip Block?



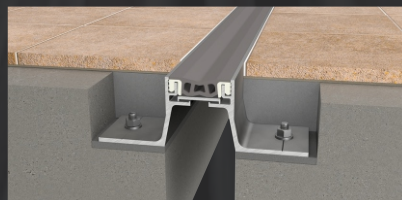
### Expansion Joint Covers

Your complete waterproof expansion joint cover solution

For Parking Structures,  
Ramps, Plaza Decks, Stadiums,  
Malls & Hospitals



ZB EXPANSION JOINT



GFT SERIES EXPANSION JOINT



HB EXPANSION JOINT



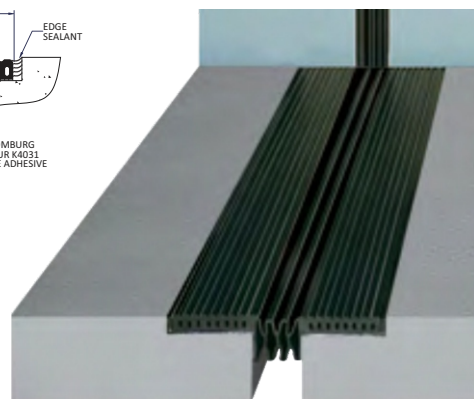
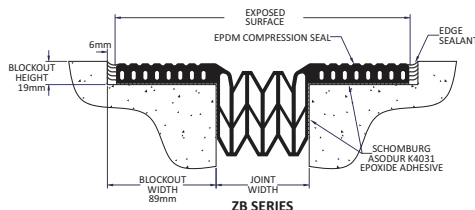
# WATERPROOF TRAFFICABLE EXPANSION JOINT COVERS

## for Car Park Decks, Ramps, Plaza Decks and Stadiums

For comprehensive information on these products visit [www.msasa.co.za/cs-expansion-joints](http://www.msasa.co.za/cs-expansion-joints)

### Model ZB

One-piece heavy duty EPDM seal installs fast.  
No messy elastomeric concrete required.  
No fixing bolts.  
No steel cover plates.  
1" to 4" seals available (25mm to 102mm).  
ADA compliant.



MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE
ZB-100	1.00" (25mm)	0.50" (13mm)	1.50" (38mm)	7.50" (191mm)
ZB-200	2.00" (51mm)	1.00" (25mm)	3.00" (76mm)	8.50" (216mm)
ZB-300	3.00" (76mm)	1.50" (38mm)	4.50" (114mm)	8.50" (216mm)
ZB-400	4.00" (102mm)	2.00" (51mm)	6.00" (152mm)	10.50" (267mm)

### GFT & GFTW Series

**GFT / GFTW is a gasketed floor joint cover comprised of extruded aluminium frames and a TPR gasket. Interior floor joints. Recess mounted floor joint covers with minimal visual impact, offered in a range of frame depths to suit floor finish.**

Dual durometer TPR gasket - allows full movement without the need for grooves which can collect dirt. Suitable for most floor finishes. Easy to clean covers for interior areas where hygiene is important. Ideal for hospitals, food processing zones, retail outlets, malls, offices. Gaskets are replaceable on-site. Load capacity: 250kg point load.

Profile heights: 25mm, 50mm or 75mm.

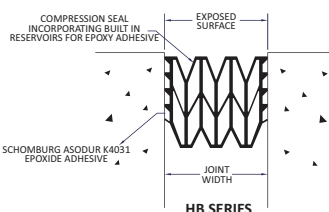
MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE
GFT-100	1.00" (25mm)	0.75" (19mm)	1.25" (32mm)	1.25" (32mm)
GFT-200	2.00" (51mm)	1.50" (38mm)	2.50" (76mm)	1.88" (48mm)
GFTW-100	1.00" (25mm)	0.75" (19mm)	1.25" (32mm)	1.13" (29mm)
GFTW-200	2.00" (51mm)	1.50" (38mm)	2.50" (64mm)	1.93" (49mm)



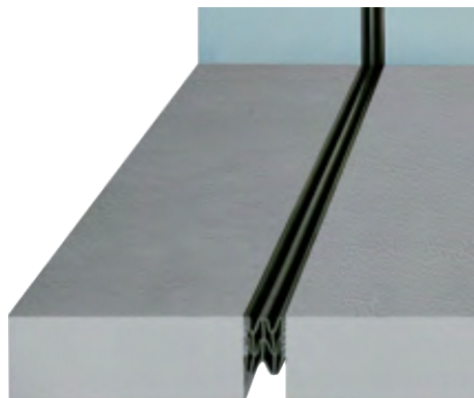
**FLOOR FINISH:**  
Carpet | Vinyl | Wood | Tile | Terrazzo | Stone

### Model HB

Unique serrated seal design improves installation and enhances adhesion of the seal to joint walls.  
For low impact zones and vertical expansion joints.  
ADA compliant.

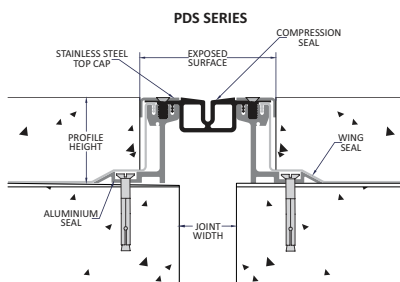


MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE
HB-100	1.00" (25mm)	0.50" (13mm)	1.50" (38mm)	1.00" (25mm)
HB-200	2.00" (51mm)	1.00" (25mm)	3.00" (76mm)	2.00" (51mm)
HB-300	3.00" (76mm)	1.50" (38mm)	4.50" (114mm)	3.00" (76mm)
HB-400	4.00" (102mm)	2.00" (51mm)	6.00" (152mm)	4.00" (102mm)

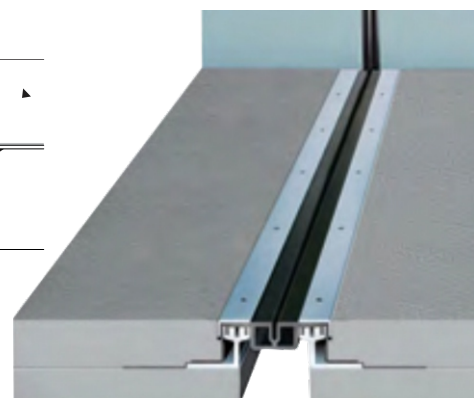


### Model PDS

For split-slab design plaza decks.  
Continuous santoprene membrane seal element.  
Continuous wings tie into sheet waterproof membrane.  
For Interior and Exterior applications.  
1" to 4" Seals available (25mm to 102mm).  
Profile Heights: 50mm, 75mm, 100mm or 125mm



MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE
PDS-100	1.00" (25mm)	0.00" (0mm)	2.25" (57mm)	4.75" (121mm)
PDS-200	2.00" (51mm)	0.75" (19mm)	3.25" (83mm)	4.75" (121mm)
PDS-300	3.00" (76mm)	1.75" (44mm)	4.25" (108mm)	4.75" (121mm)
PDS-400	4.00" (102mm)	1.50" (38mm)	6.50" (165mm)	6.75" (171mm)

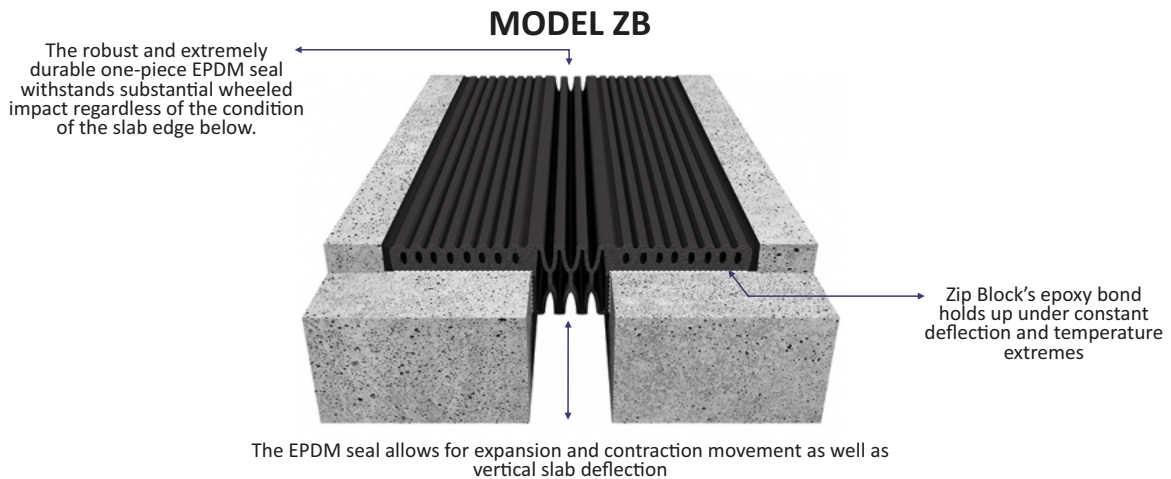


\*All systems available with optional certified fire barriers

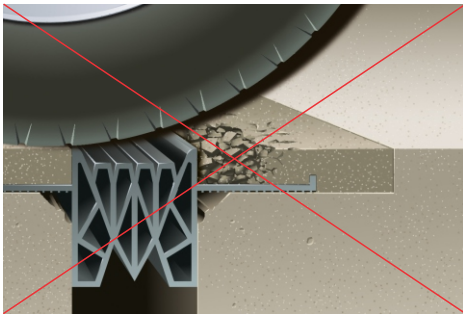
# ZIP BLOCK SEALS

## for Car Park Decks, Ramps, Plaza Decks and Stadiums

For comprehensive information on this product visit [www.msasa.co.za/cs-expansion-joints](http://www.msasa.co.za/cs-expansion-joints)



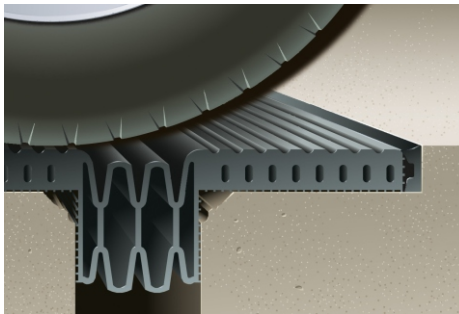
- ✓ One-piece robust EPDM rubber system with 50 year pedigree
- ✓ Extremely durable in aggressive exposure conditions
- ✓ Seamless joint with contiguous surface profile
- ✓ Excellent traffic over-ride & movement
- ✓ No need for additional steel cover plates & fasteners
- ✓ No elastomeric concrete
- ✓ No fixing bolts
- ✓ New-builds & retrofit for refurbishment / repair installations
- ✓ Withstands substantial wheeled impact
- ✓ Subjected to rigorous testing including rolling loads of 1350kg's per wheel with simultaneous vertical slab deflection & freeze / thaw cycles
- ✓ Specially trained Approved Applicator Teams to ensure peace of mind



### TRADITIONAL METHODS

Winged seals with elastomeric concrete fail regularly. Wheeled impact causes hairline cracks and degradation in elastomeric concrete in typical applications.

Through further wheeled impact, cracking becomes more severe until the seal's wing pulls away.



### ZIP BLOCK - THE SOLUTION

A one-piece EPDM rubber system. The shoulder of the Zip Block is substantial enough to withstand wheeled impact (even snow ploughs), regardless of the condition of the slab edge below.

ZB's epoxy bond holds under constant deflection and temperature changes.



### RIGOROUSLY TESTED

Zip Block has been subjected to rigorous testing, including rolling loads of 1,350kg per wheel, with simultaneous vertical slab deflection; sub-zero temperature testing, including several freeze-thaw cycles; and all applicable ASTM cycling tests. At 35,000 cycles the seal exhibited no wear or tear from the rolling load. The seal was also tested to simulate shear stress created by a rapidly moving vehicle braking abruptly. The result is a seal you can depend on, backed by our full product warranty.

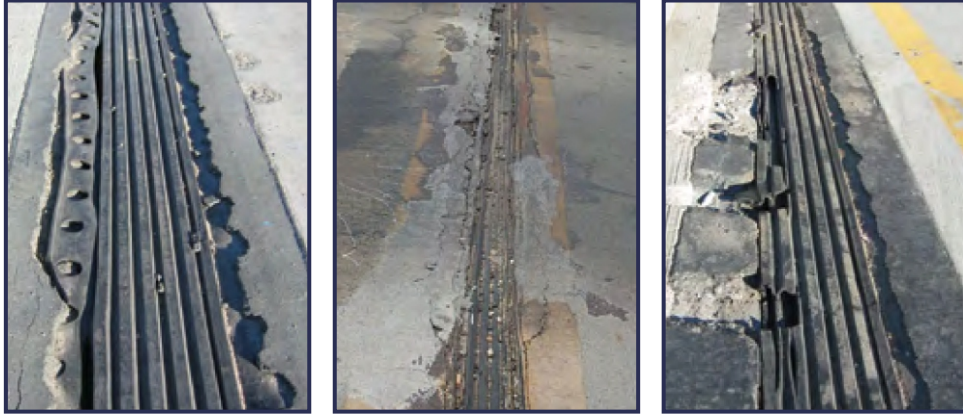


### Exhaustive Testing

Zip Block was subjected to rigorous testing, including rolling loads of 1,350 kg's per wheel, with simultaneous vertical slab deflection; sub zero temperature testing, including several freeze-thaw cycles; and all applicable ASTM cycling tests. At 35,000 cycles, the seal exhibited no wear or tear from the rolling load. The seal was also tested to simulate shear stress created by a rapidly moving vehicle braking abruptly. The result is a seal you can depend on, backed by our full product warranty.

## Why use products that are just not up to the task?

Failed Elastomeric Concrete Seals



*Zip Block is subjected to rigorous testing including freeze/thaw and heavy rolling load tests that clearly demonstrate superior performance. Now with over 20 years of history to support the lab testing, the proof is shown here.*

Zip Block installations 10 years and older, and still going strong.



University of Houston  
installed in May 2006

King of Prussia Mall  
installed in September 2003

St. Francis  
installed in May 2004



**Construction Specialties™**

6696 State Route 405, Muncy, Pennsylvania 17756 U.S.A., 570-546-5941  
895 Lakefront Promenade, Mississauga, Ontario L5E 2C2 Canada, 905-274-3611  
[www.c-sgroup.com](http://www.c-sgroup.com)

Our range of Interior and Exterior Expansion Joint Covers includes everything from modest cover plates to the most sophisticated multi-directional assemblies, for the entire building envelope.

Whether it's for car park decks, a shopping mall, hospitals, educational facilities or office blocks our product range offers you a complete joint cover package for your project.



For technical and design assistance call/email +27 (0)87 231 0253 | [info@msasa.co.za](mailto:info@msasa.co.za).  
For more details, Specifications, Installation Instructions & Videos visit [www.msasa.co.za/cs-expansion-joints](http://www.msasa.co.za/cs-expansion-joints)  
MSASA | Unit 39 | M5 Freeway Park | Upper Camp Road | Maitland | 7405 | Cape Town | South Africa

