



VĨNH HƯNG®



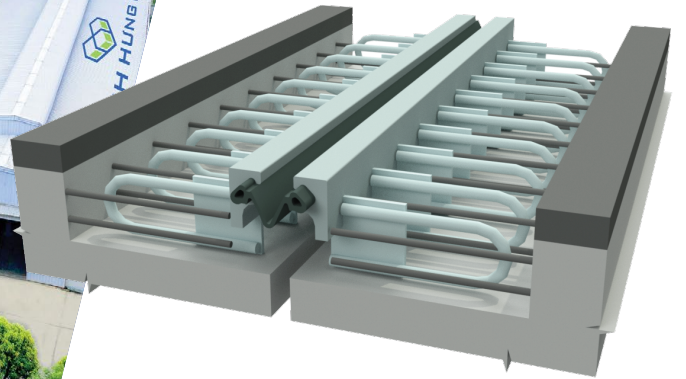
Vietnam Value

Proud to be

VIETNAM'S NATIONAL BRAND

VINH HUNG TRADING, CONSULTING
AND CONSTRUCTION JOIN STOCK COMPANY

VHR STEEL STRIP-SEAL EXPANSION JOINT



CERTIFIED
ISO 9001



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1. PRODUCT OVERVIEW

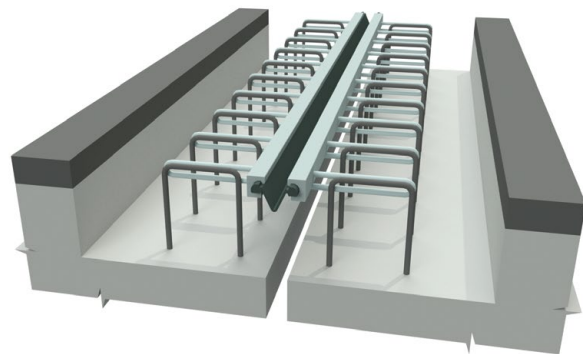
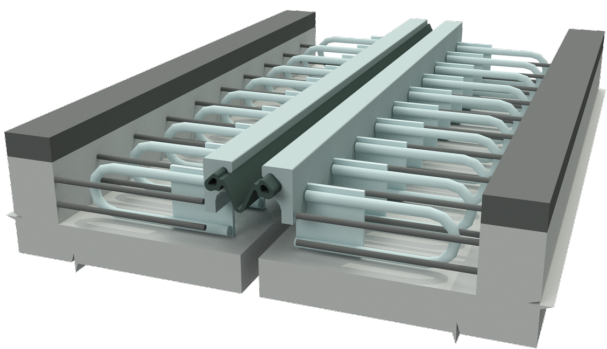
VHR steel strip-seal expansion joint made by Vinh Hung Investment and Production Company Limited (Vinh Hung IP) comprises of two steel rails with anchor bars connected to embedded bars in the pier cap of headwall of abutment, elastomeric strip serves as the trough for drainage and debris, nosing materials: non-shrink mortar or concrete with minimum compressive strength of 40MPa.

There are 2 main types of VHR expansion joint identified by the cross section of the steel rails:

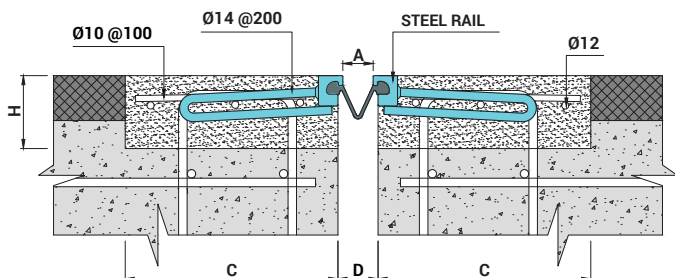
VHR-C steel rail expansion joint and VHR-F steel rail expansion joint.

2. PRODUCT CHARACTERISTICS

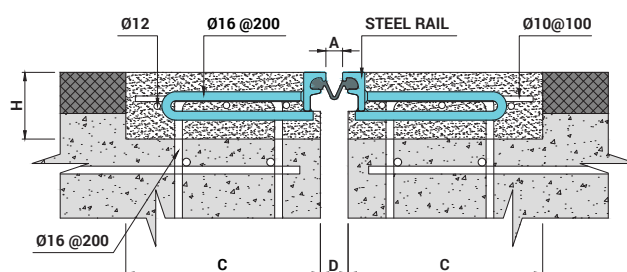
- Totally accommodate to longitudinal movement up to 100mm, and also vertical and transverse movements if any.
- Simple in design and installation, high load capacity and durability.
- Designed suitably for flush curb and central reverse.
- Totally water-tight.
- To ensure the long-lasting durability, VHR steel strip expansion joint is protected from corrosion with methods such as: 2-component epoxy coating, PU-based painting (Polyurethane), hot dip galvanization according to ASTM A123 standard and especially the Al – Mg spraying method (at the ratio of 95% Al and 5% Mg) which ensure anti-corrosion durability of up to 100 years, proven by salt-spraying test in 6000 hours (8-hour dry-wet cycle repetition) under ASTM B117 standard.



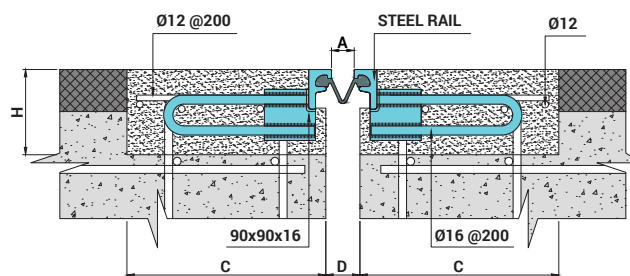
3. TECHNICAL PARAMETERS



VHR-C STEEL STRIP-SEAL EXPANSION JOINT



VHR-F50 STEEL STRIP-SEAL EXPANSION JOINT

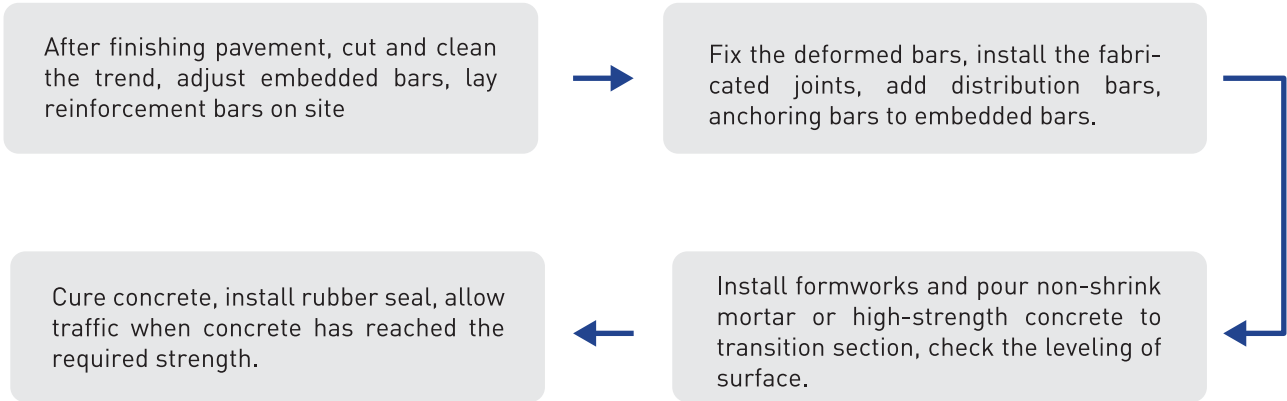


VHR-F80 (100) STEEL-STRIP SEAL EXPANSION JOINT

MODEL	DISPLACEMENT (mm)	A (mm)		C (mm)	D (mm)		H min (mm)
		min	max		min	max	
VHR - C50	50	5	55	350	15	65	100
VHR - C80	80	10	90	350	20	100	120
VHR - C100	100	10	110	350	20	120	120
VHR - F50	50	5	55	350	15	65	120
VHR - F80-N	80	10	90	350	30	110	150
VHR - F80-S	80	10	90	350	30	110	150
VHR - F100-N	100	10	110	400	30	130	160
VHR - F100-S	100	10	110	400	30	130	250

4. INSTALLATION

Installation of joints is critical to ensure the lifespan of the expansion joint and smooth traffic. Careful preparation of machinery, equipment, and highly specialized human resources is required for the installation of high quality expansion joints. The installation method shall be strictly followed to guarantee the actual performance of the product in service.



**VINH HUNG TRADING, CONSULTING
AND CONSTRUCTION JOIN STOCK COMPANY**

HEAD OFFICE

Address: Lot BT2, No. 49, Bac Linh Dam Area,
Dinh Cong Ward, Hanoi City, Vietnam
Tel: +84 24 3540 1771 / +84 24 3540 2468

HO CHI MINH CITY BRANCH

Address: No. 12/18 Dao Duy Anh Street,
Duc Nhuan Ward, Ho Chi Minh City, Vietnam
Tel: +84 28 3526 4188

DA NANG REPRESENTATIVE OFFICE

Address: Room 303, Building No. 309 Nguyen Huu Tho Street,
Hoa Cuong Ward, Da Nang City, Vietnam
Tel: +84 236 367 3366

VINH HUNG INVESTMENT AND PRODUCTION COMPANY LIMITED

Address: Pho Noi Textile Industrial Park,
Duong Hao Ward, Hung Yen Province, Vietnam
Tel: +84 221 399 1399 / +84 221 399 1398

Website: vinhhungjsc.com
Email: info@vinhhungjsc.com

