



Construction Materials Business Unit

Jan. 2013

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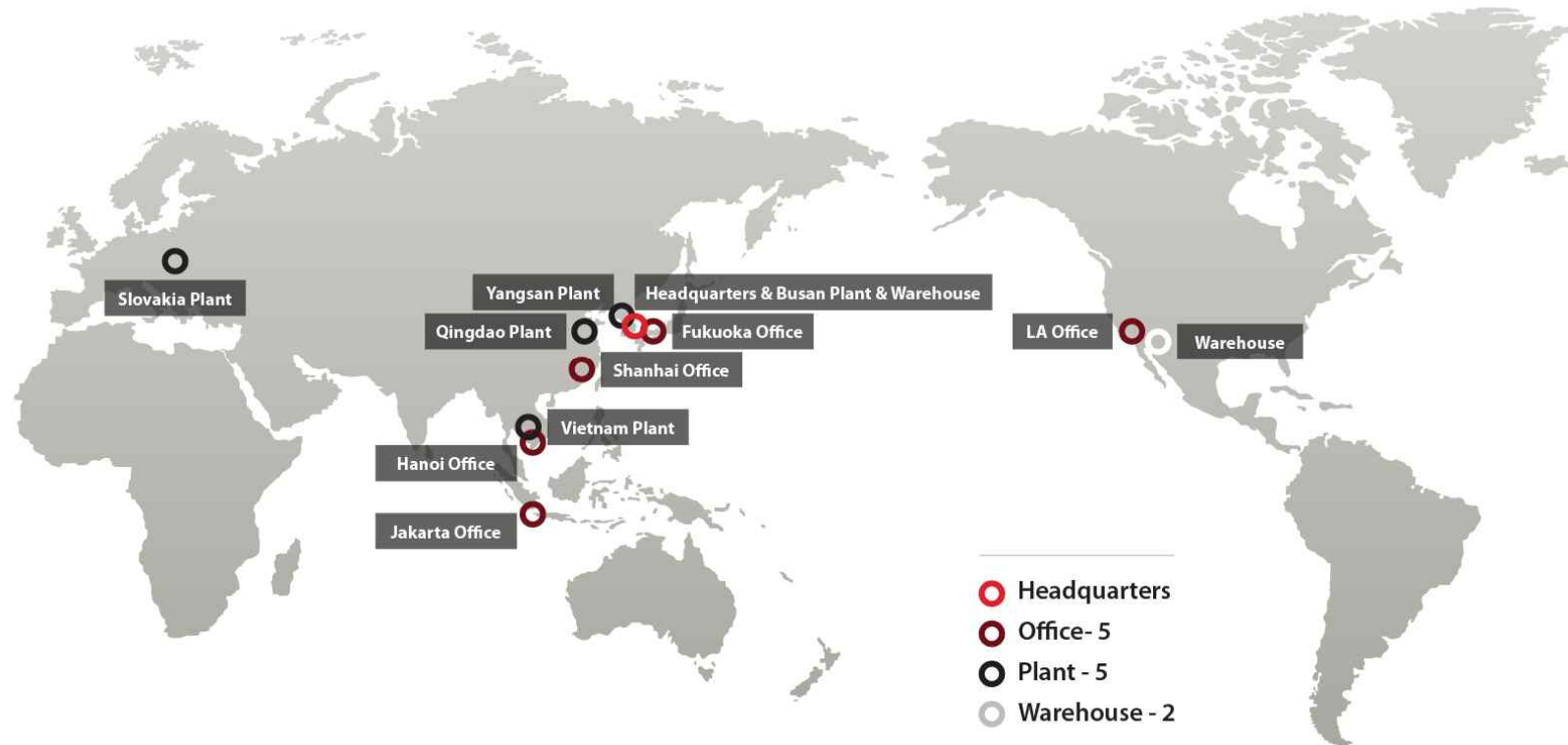


1. Headquarters

Established	September, 1945
Location & Area	Busan, Korea 1.2 Million sq ft
Mfg Products	Power Transmission, Conveyor Belt, Rubber Track & Undercarriage System, Construction Materials, Seismic Isolation & Vibration Control
Employees Worldwide	2500 Employees
2011 Sales Revenue	USD500 Million
ERP System	SAP ECC5.0since 2001



2. Global Network



Head office & Plant



Yangsan Plant



DRB China



DRB Slovakia



DRB Vietnam



DRB America



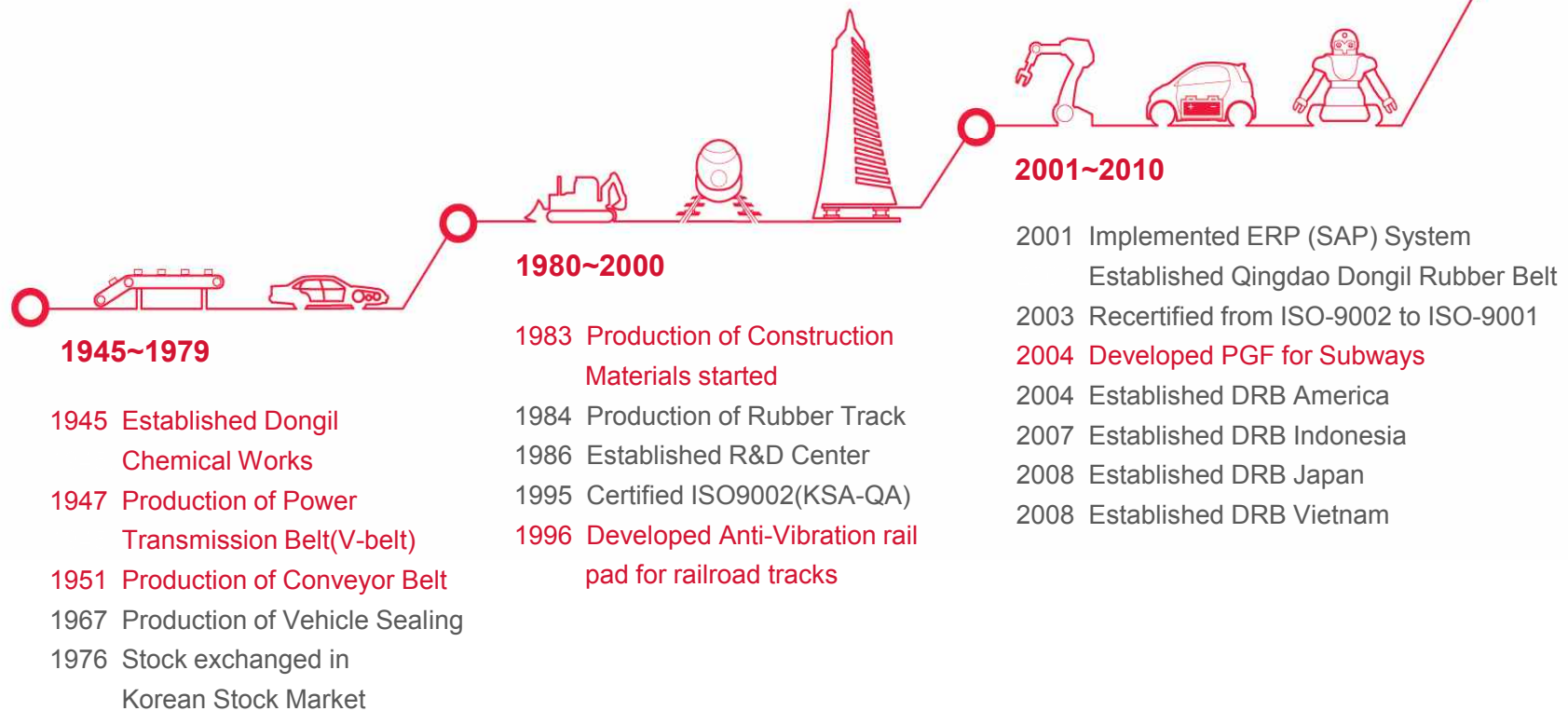
DRB Indonesia



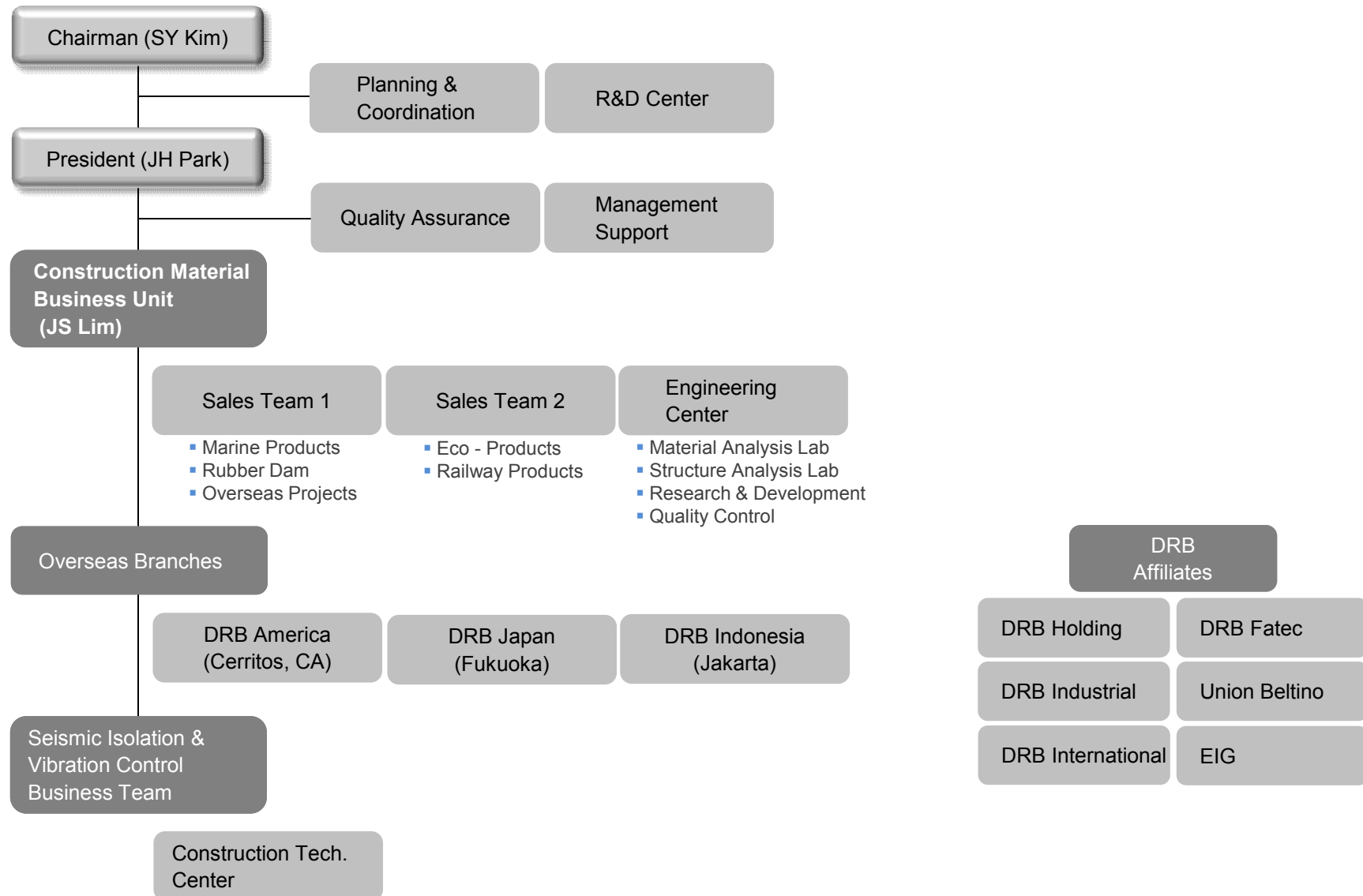
DRB Japan

3. DRB History

DRB moves the world in invisible places



4. DRB Organization



5. DRB Products

Vehicle Sealing	Construction Materials	Seismic Isolation & Vibration Control
   	   	   
Power Transmission Belt	Conveyor Belt & System	Rubber Track & Undercarriage
   		   

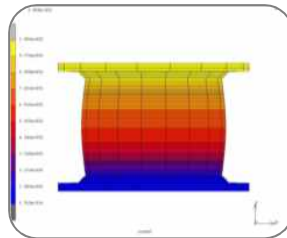
6-1. Fender System

Bumper used to absorb the kinetic energy of a boat or vessel berthing against a jetty, quay wall or other vessel and functioning to prevent damage to boats, vessels and berthing structures

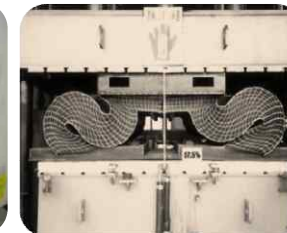


- Busan New Port In Korea
- 50,000DWT
- 4.3KM

Customized



Quality Assured



6-2. Fender System

The types of fenders that are most suitable for applications depend on many variables, including dimensions and displacement of the vessel, maximum allowable stand-off, berthing structure, tidal variations and other berth-specific conditions. The size of the fender unit is based on the berthing energy of the vessel which is related to the square of the berthing velocity.



TTV



Cell



V



CV



TV



SM



W Type



Hyper reel



Corner BP



Corner V



Corner O



Tug



Roller



D



DRB



Foam filled



Pneumatic



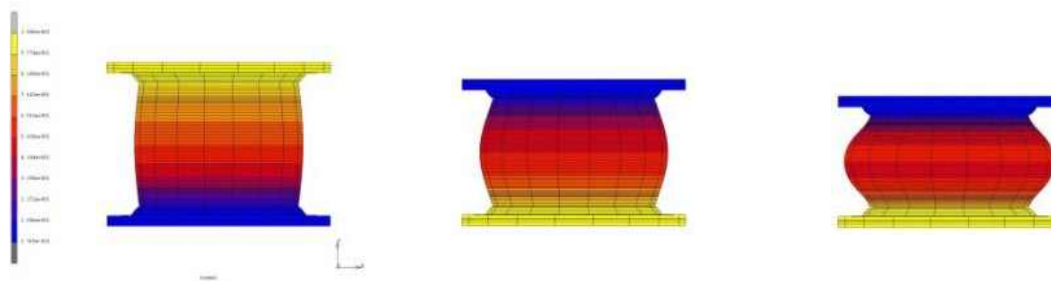
Color

6-3. System Fender

- High energy absorption & low reaction force
- Small hull pressure
- Reinforced by an embedded steel plate
- Multi-Usages at high and low tide
- Consulting service available



Deflection changes – DR Fender

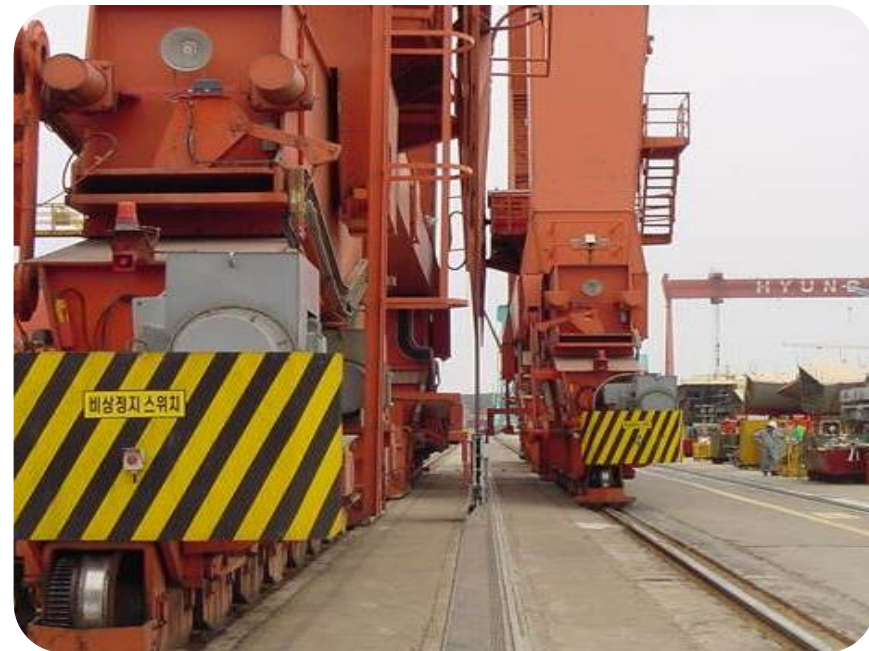


7. Auto Cable Cover Belts

Auto-cable cover system provides with the protection of cable used for electrically powered quayside cranes

DRB Auto Cable Cover Belt (ACCB) protects the electric cable of the apparatus operated by power supply in port facility and shipbuilding yard.

ACCB prevents foreign materials flowing into trenches, and injury of workers by misstep.

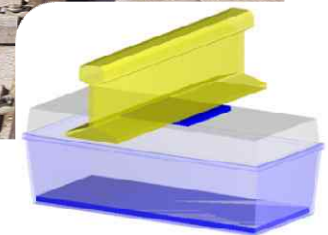
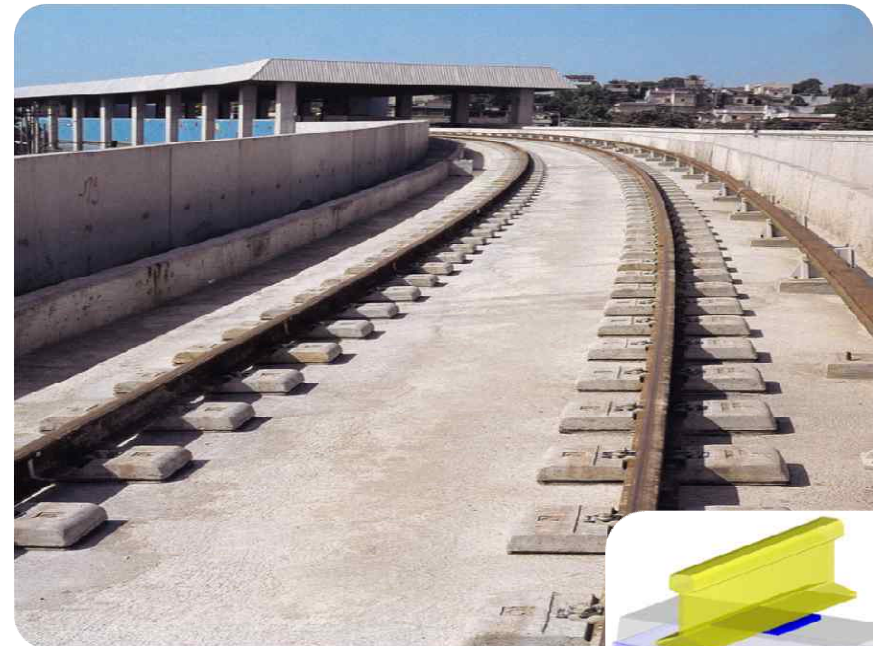


- ✓ Total operational safety
- ✓ Full cable protection
- ✓ No load restrictions
- ✓ Easy maintenance
- ✓ Deformation free
- ✓ Semi-Permanent

8. Low Vibration Tracks

DRB LVT system is adopted as a vibration isolation and sound insulation device in subway tracks.

DRB LVT performs outstanding effects of durability and stability as well as its main functions such as vibration isolation and sound insulation.



- ✓ Effective Vibration Attenuation
- ✓ Easy Construction & Maintenance
- ✓ Safety & Reliability for Curved Tracks
- ✓ Qualified from Diverse Construction Fields

9. Railway Products

Ballast Mat



PGF (Profile Gap Filler)

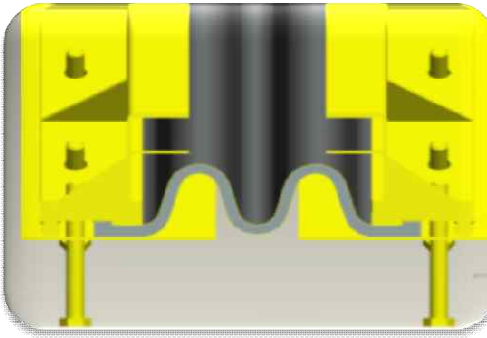


Conical Spring

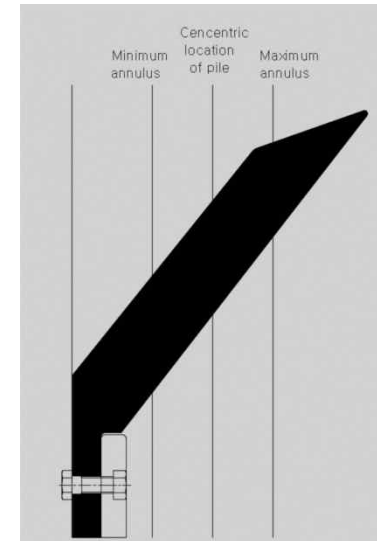
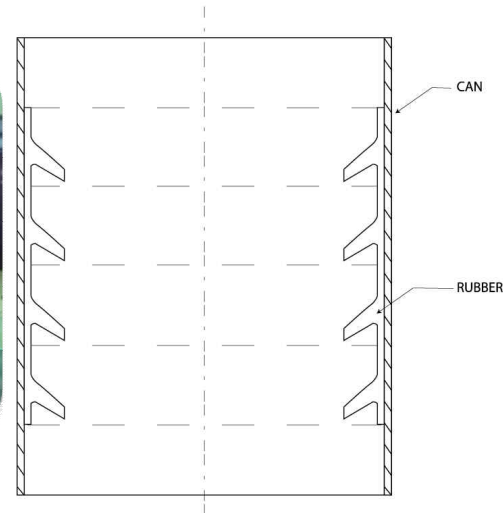
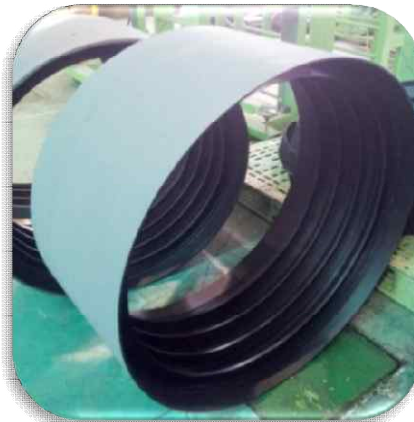


Mono-Bush Link

10. Industrial & Civil Engineered Products



Immersed Tunnel Gasket
Installed to the sectional
elements of immersed tunnels
to prevent water ingress due to
external water pressure



Grout Seal

DRB's Grout Seal (DGS) has been developed to provide grout support for structures with pre-placed pile foundations. The DGS is used for installations where the piles are pre-driven for Monopile / Transition-Piece foundations and jackets.

11. Eco-Tank : Filter Type Non-Point Source Treatment System

Application Areas: Impermeable surface areas; motorway, car park, bridge, industrial complex etc.

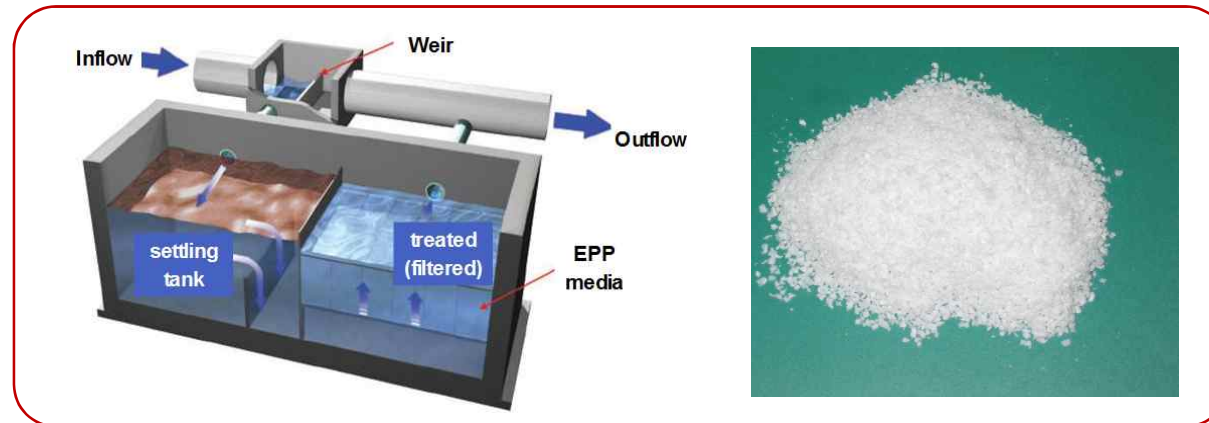
Initial Rain
Various Detrimental Substances

Heavy Metal
Bacteria & Oil

Impervious Surface
Highly Concentrated Pollutants



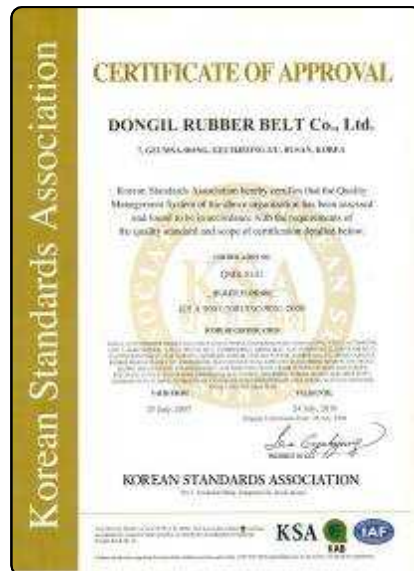
Process Schematic & Expanded PolyPropylene (EPP)



Preserve water environment
Safe treatment of sewer system

12. Certifications

Quality Management



**ISO 9001
1995 QMS-0141**



**ISO/TS-16949
2005 TS 96279**



**OHSAS-18001
2007 OHS 530378**



**ISO 14001
2004 EMS-0216**

The background of the slide is composed of various overlapping triangles in shades of red, gray, and white. The triangles are of different sizes and orientations, creating a complex, low-poly geometric pattern. The colors range from bright red to dark gray, with some white areas where the triangles do not overlap.

Thank you.