

Installation in overseas



EXAMPLE OF INSTALLATIONS



Head Office/Factory
KSI Ltd. 19, Gwangchisaneop 2-gil, Namwon-si, Jeollabuk-do,
Republic of Korea(Postal Code: 55727)

Tel +82 63 634 8686
Fax +82 63 634 8880
E-mail ksi@ks0486.com

KOREA SAFETY INNOVATION

KSI CO.,LTD.



KSI BUILDS A SAFE ROAD ENVIRONMENT
WITH THE WORLD'S BEST PRODUCTS



SRB (Safety Roller Barrier)

WHAT IS SAFETY ROLLER BARRIER SYSTEM?



CRASH TEST

Performance Comparison between W-Beam Guardrail and Safety Roller Barrier

W-Beam Guardrail

SIDE VIEW COMPARISON

PLANE VIEW COMPARISON

FRONT VIEW COMPARISON

Safety Roller Barrier

After crash of Lorry 14 ton (Not bent)

After crash (Be Resilient)

Not damage

WHY KSI'S SRB & WHAT IS DIFFERENT?

no	Conventional	KSI	DIFFERENCE	no	Conventional	KSI	DIFFERENCE
1			Manufactured pole and rail in one piece, the pillar does not go slide	8			Photovoltaic LED guidance lights are attached to ensure visibility during night driving. (effective in the foggy areas)
2			The big size roller provides more absorbing shock capability	9			The rotation blocking plate reduced the vehicle's acceleration in the event of a vehicle collision.
3			Restoration after car crash (No damaged by the midsize car. Only minor damaged by large vehicle)	10			Not separated when PVC collides inside the roller (by forming a through hole with the threaded P.P pipe material)
4			Attaching sub-struts instead of con's to the inside of strut for reinforcing to protect bending from crash / easy maintenance	11			Attaching reflecting tape to the stainless plate is providing detachable adherent
5			Long length (2m) between the strut makes easy on-site installation & makes low maintenance cost	12			Rectangular multiple-row structured guard rail increased shock absorption and restoration
6			The existing guard rail with 2m pillar distance can be changed to SRB system by swapping a plate with EVA roller.	13			Ultra elastic restoring E.V.A foam provides a strong and long-lasting lifetime
7			The method of multi-layer installation can adjust height and replace roller easily when it get damaged	14			Can be attaching shade screen to protect glare from large vehicles light