



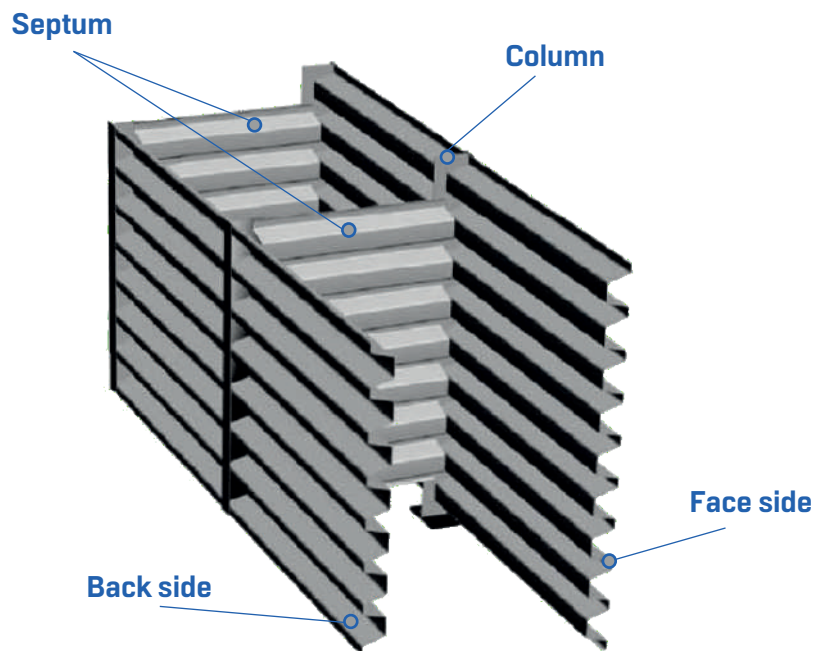
PRODMASH

Retaining Walls

Supporting and protecting road structures against abrupt movement of soil

Description

A retaining wall is an engineering structure that restrains soil to a slope



Applications

- Road/railway construction /– slope protection from erosion and rockslides, mudslides and landslides; construction of bridges and embankments
- Civil construction layout of river coastlines, lakes, ponds
- Industrial construction - loading ramps and emergency protection facilities at industrial enterprises (chemical industry, treatment facilities, etc.)
- Warehouse construction - arrangement of small warehouses to increase the storage of inert materials





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Advantages

- Hexagon icon Compact and space saving design
 - efficient use of loading space on trucks
 - transport costs saving
- Hexagon icon Quick assembly and ease of installation
 - workforce saving and equipment rental saving
- Hexagon icon Building speed is 5-7 times higher in comparison with traditional construction
- Hexagon icon Ease of installation - manually or using light-duty equipment
- Hexagon icon Opportunity to adapt to movement of soil
- Hexagon icon Material: Hot-dip galvanized steel.
 - No maintenance costs, durability 70 years
- Hexagon icon Hot-dip galvanizing according to Russian Gost 9.307 and EN ISO 1461
- Hexagon icon Opportunity to use in high-risk regions (extremely hot temperature, high seismic activity)
- Hexagon icon No built-in base, no need of extra groundworks
- Hexagon icon Several cycles of use

Project completed

Part of the overhaul of engineering structure on the landslide site of Federal Highway A-164 close to South Ossetia:



Project assessment, engineering documentation



368 tons of RW produced and successfully assembled



Installation and soil filling completed