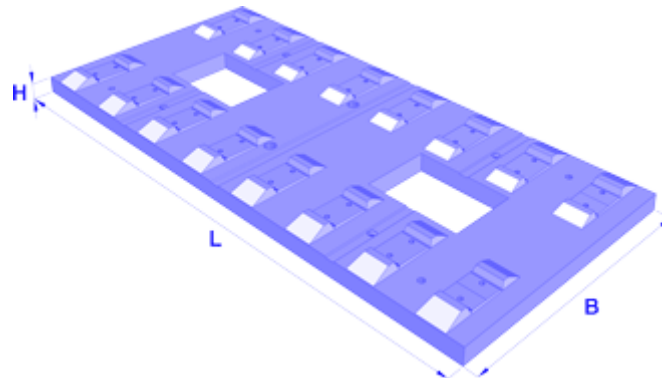


Railway structures

Rolling plate ÖBB-PORR basic | 61 Uherský Ostroh



Key Features

Trademark	Dimensions (cm)				Concrete Class	Volume (m ³)	Weight (kg)
	L	B	H	H_1			
AZP 030-19	516	240	16	23,5	C 30/37-XC3, XF3	1,99	4953

Usage

Reinforced concrete load-bearing rail plate type PORR with flexible baseless rail fastening system Vossloh 300 -1 is designed for installation in the tracks of the fixed track of the ÖBB-PORR system on railways owned by the Czech Republic, which has the right to manage Správa železnic, státní organizace.

Construction description:

The main structural element of the system is a resiliently mounted supporting rail plate. The ÖBB-PORR load-bearing rail system is based on 5.16 m long, non-prestressed reinforced concrete slabs (prefabricated). The boards contain 8 pairs of integrated rail supports of the Vossloh 300-1 type at an axial distance of 65 cm.

The lower surface of the panel (board) and the walls of the conical holes of trapezoidal cross-section used for pouring concrete are covered with a separating elastic layer to ensure the autonomy of the panel. This layer causes a reduction in the intensity of vibrations transmitted to the underlying layers (damping of vibrations propagating through the solid material).

Use:

The supporting rail plate is intended for concreting into the ÖBB-PORR fixed track system for all speed bands according to ČSN 73 6360-2: 2007.

Notes:

Specific dimensions can be modified according to the project.
Only custom production with the consent of ÖBB-PORR.