



<b>designation</b>	<b>Ravelijn Bridge</b>	
<b>type of use:</b>	pedestrian bridge	
<b>location:</b>	Municipality of Bergen op Zoom, The Netherlands	
<b>structural system:</b>	floating main structure	
<b>type of bridge:</b>	deck bridge	
<b>commisioner:</b>	City Council of Bergen op Zoom	
<b>architect:</b>	RO&AD Architecten, Bergen op Zoom, Middelburg, The Netherlands	
<b>structural engineer:</b>	W2N Engineers, Drachten, The Netherlands	
<b>contractor:</b>	Allflex, Halsteren, The Netherlands	
<b>contact:</b>	Ad Kil, RO&AD architecten	
<b>cost:</b>	whole building: 250.000,- Euro	90,- Euro / m2
<b>component</b>	<b>construction material</b>	
<b>foundation:</b>	none, floating	
<b>main structure:</b>	air-filled polyethylene pipes positioned underneath the timber surface help keep the bridge afloat, without requiring any additional structural framework.	
<b>road surface / wearing course:</b>	the decking is made of Accoya, a high-performance wood product, which is treated to improve its ability to resist fungal decay, and the effect of swelling and shrinkage that could result from its proximity to water.	
<b>connections:</b>	stainless steel screws	
<b>railing:</b>	no railing	
<b>drainage:</b>	inclined top surface	
<b>further information:</b>	construction time: 3 months, finished March 2014 Total length: 80 meters The stairs at the jetty can move up and down (and stay horizontal) with the water level.	