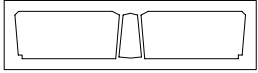


TUNNEL NAME/LOCATION/DATE COMPLETED: Rupel Tunnel; Boom, Belgium; 1982		T.65 - Rupel 	
TUNNEL TYPE AND USE: Reinforced concrete box elements; Vehicular		LANES/TRACKS: Two tubes; three lanes each Service tube with emergency exit	
NO OF ELEMENTS: 3	LENGTH: 137.9, 99.8 and 98.3 m	HEIGHT: 9.35 m	WIDTH: 35.10 m
TOTAL IMMERSED LENGTH: 336 m		DEPTH AT BOTTOM OF STRUCTURE:	
FABRICATION METHOD: Elements were cast in the open approaches to the tunnel		OUTFITTING: In casting basin	JOINT TYPE: Gina/Omega joints
WATERPROOFING METHOD:	Steel plate on bottom of elements and bituminous membrane on the sides and top		
PLACEMENT METHOD:	Deck-mounted pontoons, control and alignment towers		
FOUNDATION METHOD:	Jetted-sand method		
VENTILATION TYPE:	Longitudinal, using booster fans		
DREDGING METHOD:	Bucket dredge		
ADDITIONAL INFORMATION:	CLIENT/OWNER: Ministerie van Openbare Werken / Bestuur der Wegen DESIGNER: Tijdelijke Vereniging Rupeltunnel (see below) CONTRACTOR: Tijdelijke Vereniging Rupeltunnel consisting of Compagnie d'Entreprises CFE S.A., Compagnie Internationale des Pieux Armés Frankignoul, Société Belge de Betons S.A., Ackermans en Van Haaren N.V. (later renamed Dredging International N.V.), Christiani & Nielsen A/S		