
CONTENTS

01	THE HISTORY OF THE SHIPPING CONTAINER	6	Construction	40	
	Background		Transportation	40	
02	FROM THE CONTAINER TO AN ARCHITECTURE	8	Construction physics	40	
	Introduction		Economic aspects	41	
03	USE OF CONTAINERS	11	Ecological aspects	41	
			Module construction	41	
04	CONTAINERS AS BUILDING MODULES	14	Type 3B: Container frame systems	42	
	Fundamentals		Definition	42	
	Definition	14	Dimensions	42	
	Principles	15	Use	42	
	Foundation	16	Construction	42	
	Construction physics	17	Technical fittings	44	
	Construction law	17	Economic aspects	44	
	Economic aspects	18	Ecological aspects	44	
	Ecological aspects	18	Remarks	45	
	International aspects	18			
05	CONTAINERS AS BUILDING BLOCKS	20	06	STRUCTURAL DESIGN ASPECTS: FREIGHT CONTAINERS	46
	Type 1/Freight containers	21		Guest contribution from the engineer Douwe de Jong	
	Definition	22	07	PROJECTS	48
	Standard	22		List of projects	
	Dimensions	22		Projects	50
	Weights and loads	23			
	Types	24	08	OUTLOOK	286
	Costs	25			
	Transportation	26	09	APPENDIX	287
	Production	26		Timeline	288
	Construction	27		Index of Images	290
	Technical equipment	28		Bibliography	291
	Security	29		Containers in general	291
				Freight containers	291
	Type 2/Building containers	30		Building containers	291
	Definition	30		Container frames/modular construction	291
	Standard	30		List of companies	292
	Use	30		Freight containers	292
	Types	32		Building containers	292
	Dimensions	32		Container frames/modular constructions	292
	Construction	33		Organizations	293
	Production	34		Regulatory works	293
	Transportation	34		Standards	293
	Variants	36		Guidelines	293
	Construction physics	36		Glossary	294
	Economic aspects	36		Index of projects	296
	Special forms	37		Editors	303
	Type 3/Container frames	38		Imprint	304
	Type 3A: Modular frame systems	38			
	Definition	38			
	Development	38			
	Use	38			
	Dimensions	39			
	Production	39			