

## Product Overview

# Polymer ST and TEGOPAC®




# BUILDING & CONSTRUCTION

APPLICATION	PRODUCTS									
	Polymer ST 48	TEGOPAC® Seal 100	Polymer ST 77	TEGOPAC® Bond 170	TEGOPAC® Bond 160	TEGOPAC® Bond 251	Polymer ST 61	Polymer ST 61 LV*	Polymer ST 81	Polymer ST 80
Sealants for expansion/façade joints	•	•	•	•						
Adhesives for DIY and professionals		•	•	•	•	•			•	•
Glazing sealants		•		•						
Liquid sealers for terraces or roofs			•	•	•					
Wood flooring and flexible flooring adhesives				•	•		•	•		
Civil engineering				•					•	•
Wood adhesives			•	•		•			•	•
Ethanol releasing adhesives and sealants		•		•	•	•				
Plasticizer	DPHP	none	Elatur® CH	none	none	none	none	none	none	none
Elongation										



# TRANSPORTATION

APPLICATION	PRODUCTS						
	TEGOPAC® Seal 100	Polymer ST 77	TEGOPAC® Bond 170	TEGOPAC® Bond 160	TEGOPAC® Bond 251	Polymer ST 81	Polymer ST 80
Sealing and sound dampening	●	●	●				
High initial tack for fast assembly			●		●	●	●
Quick cure with 1K and 2K systems	●		●	●	●		
Highly resistant towards changing climates	●		●	●	●		
Excellent elasticity at high strength		●					●
Strength up to 10 MPa						●	●
Ethanol releasing adhesives	●		●	●	●		
Plasticizer	none	Elatur® CH	none	none	none	none	none
Elongation							




# INDUSTRIAL ASSEMBLY

APPLICATION	PRODUCTS							
	TEGOPAC® Seal 100	Polymer ST 77	TEGOPAC® Bond 170	TEGOPAC® Bond 160	TEGOPAC® Bond 251	Polymer ST 81	Polymer ST 80	
Sealing and sound dampening	●	●	●					
High initial tack for fast assembly			●		●	●	●	
Highly resistant towards changing climates	●		●	●	●			
Excellent elasticity at high strength		●					●	
Strength up to 10 MPa						●	●	
Ethanol releasing adhesives	●		●	●	●			
Plasticizer	none	Elatur® CH	none	none	none	none	none	
Elongation	<div></div>							



# POLYMER ST AND TEGOPAC®

APPLICATION	CHARACTERISTICS	POLYMER TYPE									
		Polymer ST 48	TEGOPAC® Seal 100	Polymer ST 77	TEGOPAC® Bond 170	TEGOPAC® Bond 160	TEGOPAC® Bond 251	Polymer ST 61	Polymer ST 61 LV*	Polymer ST 81	Polymer ST 80
Building & Construction	Polymer with plasticizer	•		•							
	100% Polymer							•	•	•	•
	100% Polymer + ethanol releasing		•		•	•	•				
Transportation	Polymer with plasticizer			•							
	100% Polymer									•	•
	100% Polymer + ethanol releasing		•		•	•	•				
Industrial Assembly	Polymer with plasticizer			•							
	100% Polymer									•	•
	100% Polymer + ethanol releasing		•		•	•	•				
Elongation											

	RELEASE OF	MODULUS OF FORMULATION	POLYMER BACKBONE	PLASTICIZER	VISCOSITY AT 25° C [MPAS]	POSITION OF CROSSLINKING GROUPS
Polymer ST 48	Methanol	low-medium	PPG	DPHP	60,000	terminal
Polymer ST 77	Methanol	low-medium	PPG	Elatur® CH	40,000	terminal
Polymer ST 61	Methanol	high	PPG	none	35,000	terminal
Polymer ST 61 LV*	Methanol	high	PPG	none	12,000	terminal
Polymer ST 80	Methanol	high	PPG	none	20,000	terminal
Polymer ST 81	Methanol	high	PPG	none	40,000	terminal
TEGOPAC® Seal 100	Ethanol	low-medium	PPG	none	55,000	lateral
TEGOPAC® Bond 160	Ethanol	medium	PPG	none	10,000	lateral
TEGOPAC® Bond 170	Ethanol	medium	PPG	none	30,000	lateral
TEGOPAC® Bond 251	Ethanol	medium	modified	none	30,000	lateral
TEGOPAC® RD 1	Ethanol	reactive diluent	modified	none	1,000	lateral
TEGOPAC® RD 2	Ethanol	reactive diluent	modified	none	1,500	lateral

\* Please contact your local representative for product availability in your country

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