

POLYMER ST AND TEGOPAC®

APPLICATION	CHARACTERISTICS	POLYMER TYPE						
		Polymer ST 48	Polymer ST 77	TEGOPAC® Bond 170	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® Bond 170	Ethanol	medium	PPG	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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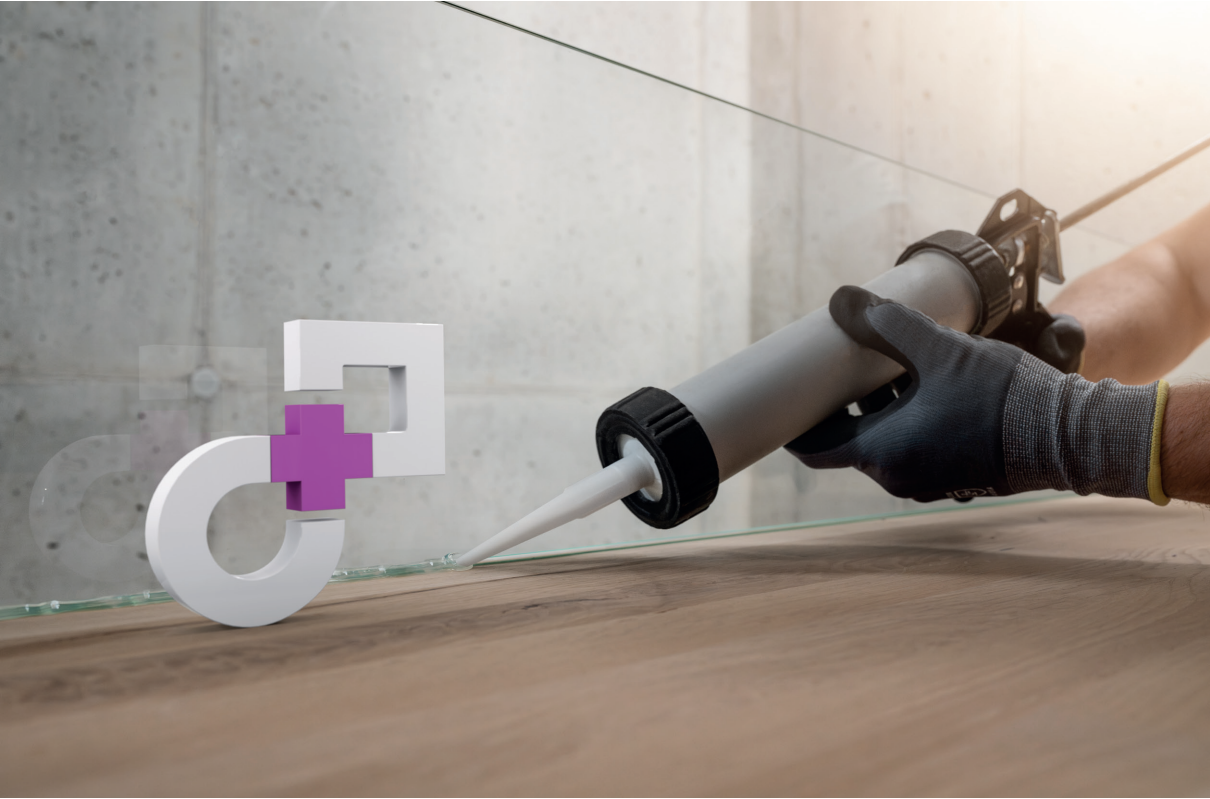


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Product Overview

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BUILDING & CONSTRUCTION

APPLICATION	PRODUCTS						
	Polymer ST 48	Polymer ST 77	TEGOPAC® Bond 170	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	Elatur® CH	none	none	none	none	none
Elongation							

TRANSPORTATION

APPLICATION	PRODUCTS			
	Polymer ST 77	TEGOPAC® Bond 170	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	Elatur® CH	none	none	none
Elongation				

INDUSTRIAL ASSEMBLY

APPLICATION	PRODUCTS			
	Polymer ST 77	TEGOPAC® Bond 170	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	Elatur® CH	none	none	none
Elongation				

