



# Den Braven Sealants

## Technical sheet 09.S-T1 Elastic joint-cutting putty S-T1

<b>Product</b>	One-component sealing joint-cutting putty, based on water polymere dispersion. It hardens through water evaporation, makes permanently strong, plastic-elastic connection. It corresponds to the requirements of construction putties of type F, for class 12,5 E according ISO 11 600.		
<b>Properties</b>	<b>p</b> Plastic-elastic ; <b>p</b> Easy application, paintable with acrylate and dispersion colours; <b>p</b> After hardening is weather-resistant incl. UV radiation ;		
<b>Use</b>	- Sealing of joints in carcass of panel building with width of span of elements up to max. 4800mm - Sealing of building joints between window and door frames, cills and brickwork; - Sealing of dilatation joints of wall and ceiling constructions exposed to dilatation up 12,5%;		
<b>Colour</b>	White, grey.		
<b>Packaging</b>	Cartouche 310ml, pail 5kg and 12kg, keg 45kg.		
<b>Technical data</b>			
Base	acrylate emulsion		
Consistency	thixotropic paste		
Density	g/cm <sup>3</sup>	1,3 - 1,35	
Thermal endurance	°C	-20 / + 100	(after hardening)
Thermal resistance	°C	+ 5	(during transport musn't freeze)
Thermal range of application	°C	+5 / +30	
Time of skinning	min	≈ 15	(at 20°C / 50% humidity)
Time of total hardening	week	1-2	
Deformation	%	± 12,5	
Shrinkage	%	15	
Dropping	mm	1	
Elastic recovery	%	58	
Dilatability	%	175	
Hardness	Shore °	11	
Shelf life	month	12	(at temperatures from +5°C < +25°C)
Min. and max. width of joint	mm	5 min. 40 max.	
Approx. Consumption for 1 m	kg	0,18	(for joint 20 x 7 mm – width x depth)
Approx. Consumption for 1 m	kg	0,35	(for joint 30 x 9 mm – width x depth)
Approx. Consumption for 1 m	kg	0,63	(for joint 40 x 11 mm – width x depth)
<b>Limits</b>	Among others not suitable for long-term load with water, for use on PE, PP and teflon.		
<b>Surface</b>	Must be clean, dry, firm, without free particles, grease and oil..		
<b>Pre-treatment</b>	Blotting surfaces we recommend to provide with penetration paint S-T70 or with diluted putty S-T1 with water in ration 1:3. The surface during the application musn't be wet. Dirty connecting areas with butyle putty greasy) penetrate with synthetic paint S 1002 diluted with diluent S 6006 in ration: for 1 kg of paint 140 ml diluent.		
<b>Instructions</b>	When used in exteriors there is necessary to prevent min. 3 hours after application contact with water (rain).		
<b>Warning</b>	During the jointing and after reconstruction of joint of carcass follow the elaborated technological instruction of puttiyng with Elastic acrylate putty S-T1 and S-T5.		
<b>Cleaning</b>	Material : immediatelly with water / hands: paste for hands, soap and water		
<b>Safety</b>	See «Safety Data Sheet 09.S-T1». Keep usual hygienic precautions,, don't eat, don't drink and don't smoke while working. Keep away from children.		
<b>Update</b>	Updated on 25.01.2005 <span style="float: right;">Written by: L Kousal 4.1.2002</span>		

The product is in the guarantee period conform with specification. Stated information is based on objective testing and on our experience. We aren't liable in any case above the limit of stated information. Stated information is the result of our tests and

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experience, they are of general character and doesn't contain any liability. Every user has to test the suitability for own use in own test.

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