


Plastic sealant based on butyl rubber; long-lasting, non-brittle, weather-resistant, water vapor-tight

Application areas	<p>Plastic butyl sealing compound for versatile use</p> <ul style="list-style-type: none">▪ in the transport industry as sealing material for lorry, caravan and marine applications▪ for sealing joints, cracks and transitions on steel sheet, metal, masonry (bricking), concrete, fibre cement, wood-based materials and many other substrates▪ in air conditioning technology e.g. for sealing ventilation ducts▪ for gluing and sealing work with low mechanical loads▪ in apparatus engineering; well suited for sealing (screwed) parts that will be opened later, e.g. for maintenance work▪ ideal for building industry, transport industry, air-conditioning technology, apparatus construction, handicraft and industry
Product benefits	<ul style="list-style-type: none">▪ plastic▪ self-adhesive, self-welding▪ non-brittle▪ permanent▪ non-dripping▪ outstanding weather and ageing resistance▪ excellent water vapour impermeability▪ good adhesion to poorly adhering substrates like PE, PP, PA▪ recoatable, lacquerable▪ good adhesion to smooth surfaces (glass, aluminium, galvanised and stainless steel etc.) like also on porous surfaces▪ good water resistance▪ non-corroding, even corrosioninhibiting
Base	<p>Butyl rubber, solvent-based; after extrusion, the sealant is physically cross-linked by the evaporation of the solvent component into the plastic compound.</p>
Restrictions	<p>Not resistant to solvent, oils, fuels. Not suitable for dilatation joints, window sealing, aquariums, foamed polystyrene.</p> <p>When bonding plastic materials like PMMA, ABS, PC or polystyrene stress cracking may occur. The solvent compatibility of plastics must be checked in advance.</p>
Cleaning agents	<p>Wisaclean R 216 for cleaning non-absorbent adhesive surfaces and fresh product residues. With reasonable effort, the product can be removed. Old adhesive residues can be removed from unpainted and solvent-resistant substrates, e.g. by means of Wisaclean R 118. To wash your hands, please use water and soap.</p>

Processing	<p>The bonding surfaces must be sound, dry and free of dust and grease. Pre-coat highly absorbent and porous substrates with Wi-Primer V-01. Clean non-absorbent surfaces with Wisaclean R 216. Check treated and non-absorbent surfaces with an adhesion test.</p> <p>The sealing compound must be sprayed in such a way that a sufficient pressing effect is created on the joint flanks.</p>
Density	ca. 1.44 g/ml (acc. to DIN 53479, at +23 °C)
Solids content	ca. 85 %
Consistency	pasty, trowelable
Volume shrinkage	ca. 15 % in volume
Skin formation	slow skin formation (within a few hours)
Setting time	more days
Recoatability	<p>Recoatable with suitable paints. Paints (including plasters, adhesives, etc.) applied to the product must be chemically compatible with butyl. It is advisable to test the compatibility with the colours concerned before application.</p> <p>The plastic properties of butyl can cause cracks in the paint surface as butyl is much softer than paint.</p>
Temperature resistance	from -30 °C up to +80 °C (after complete cross-linking)
Processing temperature	definitely from +5 °C up to +25 °C
Frost resistance	up to -15 °C (during transport)
Max. total deformation	ca. 5 %
Repairing	can be repaired with the same material
Substrates	Metals, standard construction substrates like wood, concrete, masonry (bricking), plastering, ceramics, glass, PE, PP, PA and other solvent-compatible substrates. In case of other surfaces, own tests are required.
Further information	<div></div> <p>You can find more information about this product (link to the product on our homepage, safety data sheet, certificates, special enquiries etc.) under the adjacent ISOPIN QR code.</p>
Item no. + Colour	BD 2503 grey - cartridge of 310 ml BD 2503.600 grey - tubular bag of 600 ml
Delivery form	carton box of 12 cartridges of 310 ml carton box of 12 tubular bags of 600 ml

Shelf life

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 24 months from date of production (the printed expiry date is decisive).

Safety and disposal: Familiarise yourself with the valid Safety Data Sheets (SDS) for the products used. All applicable safety regulations and disposal instructions must be observed.

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.