

Contact and surface adhesive for delicate substrates, solvent-free

Application areas	▪ ideally suited for large-area bonding of EPDM, PVC, ABS and other plastics to all types of building materials, especially wood fibre boards and plywood panels ▪ optimally, at least one of the adhesive surfaces is porous (absorbent) ▪ also for double-sided bonding of non-absorbent substrates by means of the contact bonding method ▪ suitable for the interior zone and in outdoor areas protected from moisture ▪ ideal for interior finishing, handicraft and industry
Product benefits	▪ outstanding adhesion to most substrates ▪ good adhesion to poorly adhering substrates like polyethylene (PE), polypropylene (PP) or polyamide (PA), non-woven and many types of rubber, in particular EPDM ▪ does not become brittle; remains permanently plastoelastic after it has dried ▪ bridges minor unevennesses ▪ no labelling obligation (includes biocides for self-protection) ▪ water-based ▪ solvent-free (VOC-free) ▪ plasticizer-free ▪ almost odourless
Base	modified acrylate polymer dispersion (physically drying through the evaporation of water; therefore, at least one side should be moisture-permeable)
Restrictions	Not suitable for use in standing water like e.g. for pond liners or in the swimming pool area, oil and bitumen-containing substrates, Teflon®, waxy substrates. Not recommended for non-corrosion protected metals. Our range of products offers you a choice.
Cleaning agents	Wisaclean R 216 for cleaning non-absorbent adhesive surfaces and fresh product residues. Cover the cured adhesive with cloths soaked in Wisatyp SA solvent and let it take effect. Once the glue has softened, it can be removed. Depending on the thickness of the adhesive film, repeat the process if necessary. To wash your hands, please use water and soap. Fresh adhesive can also be removed with a damp cloth.
Processing	The bonding surfaces must be sound, dry and free of dust and grease. Clean non-absorbent surfaces with Wisclean R 216. Check treated and non-absorbent surfaces with an adhesion test. Non-load-bearing substrates, such as crumbling plaster, must be repaired beforehand.

One-sided bonding (min. one side is absorbent)	To ensure that the adhesive can dry quickly, at least one bonding surface should be absorbent. Apply the product to one side. For this purpose, the following tools are suitable roller, roller, toothed spatula, glue applicators etc. Then join the parts to be glued together and adjust if necessary. Press the parts until sufficient functional strength is achieved. Only a high pressing pressure gives a high final strength.
Contact bonding method (both sides are not absorbent)	Alternatively, for surfaces that are not absorbent on both sides, bonding can also be carried out using the contact bonding method; i.e. before assembly, the parts should be exposed to air until the adhesive is dry to a certain degree (ca. 12 - 24 h in a dust-free environment). Do not join the two parts until the adhesive is transparent. The evaporation time can be shortened using a heat source (hair dryer, infrared radiator). Press the parts using a press or at least a pressure roller. Only a high pressing pressure gives a high final strength.
Density	ca. 0.99 g/ml
Adhesive film	permanently plastoelastic, self-adhesive
Consistency	viscous liquid (easy to paint and roll)
Dry content	ca. 68 %
pH-value	5 - 7
Consumption (depending on application quantity and substrate)	- ca. 300 - 350 g/m² (for absorbent substrates, one-sided application) - ca. 200 - 250 g/m² (per side, for double-sided application, on non-absorbent substrates)
Setting time	ca. 12 - 24 h (depending on application thickness, absorbency of the substrate, temperature, material moisture and relative humidity)
Recoatability	After complete drying, good coatability with most water-based and synthetic paints (excluding mineral colours). It is advisable to test the compatibility with the colours concerned before application.
Temperature resistance	from -30 °C up to +80 °C (once fully dry, for a short time even at higher temperatures)
Repairing	Can be repaired with the same material. Loosened adhesive joints can be rejoined if necessary due to the self-adhesive properties.
Substrates	Wood-based materials, concrete, various plastics, such as EPDM, PVC-hard, ABS, PE, PP, PA, polystyrene, treated metals and many other common construction materials. For further surfaces, you will need to carry out your own tests.
Processing temperature	from +5 °C up to +40 °C
Frost resistance @ Transport	Warning! Wisacoll WS 1250 is frost sensitive!

Further information



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.

Colour

transparent (once cured, previously whitish)

Item no. / Delivery form

WS 1250.5. PE cans of 5 kg

WS 1250.1,2 PE round wide-neck box of 1.2 kg (Ideal for shipping parcels)

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 at least 12 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.