

Technical Data Sheet

DOMO-Natural Universal Adhesive No. 513

N means **LIVOS neutral** for the allergy-prone and chemically sensitive

Range of application	In the interior. For gluing cork, linoleum or carpets with jute or soft rubber backing, on prepared surfaces. Suitable for floor heating systems in accordance with DIN 18 365 provided that heating and cooling provisions are heeded. Also suitable for gluing paper, cardboard etc. Not suitable for furniture.
Technical qualities	Viscous, easily spread, natural resin dispersion adhesive. Results after setting in a durable, elastic bond. Capable of full impact use after 3 to 5 days. Adhesive stability at temperatures between 0 - 50°C (32-122 °F).
Full declaration	Water, natural latex, talcum, casein, borax, natural resin ester, Isoaliphates and Xanthan gum.
Color	Whitish when wet, yellowish after airing.
Application method	Apply with a toothed trowel or radiator roller, at floor temperatures of at least 18 °C (64 °F) and a relative humidity below 75% (see reverse for further information).
Coverage	Depending on the toothed trowel used. A 2 1 kg is sufficient for 4-5 m ² (43 - 54 ft ²); 0.2 - 0.25 kg/ m ² B 2 1 kg is sufficient for 3-4 m ² (32 - 43 ft ²), e.g. for linoleum C 1 1 kg is sufficient for 1-1.5 m ² (10 - 16 ft ²) (e.g. for carpets) Coverage can be considerably less or more, depending upon the condition and absorbency of the surfaces. Always do a test application!
Drying time	At 23 °C (73 °F) and 50% relative humidity, 15-48 hours. Surface treatment is possible at the earliest 24 - 48 hours after laying the floor.
Cleaning up	Clean equipment immediately after use with cold water. Remove adhesive spills immediately with a damp cloth.
Specific gravity	Approximately 0,83 g/ml.
Safety advice	P102 Keep out of reach of children. P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.
Disposal	According to locally regulated laws.
Container sizes	0.05 kg; 1 kg; 2.5 kg; 10 kg.
Storage	Cool, dry and frost free. Shelf life: unopened at least 1 year. Use opened containers within 2-3 days.
Package	Polyethylene (PE). This material is groundwater-neutral and recyclable.

How to use

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General surface requirements

The surface must, according to DIN 18 365, be even, solid, able to absorb, free of cracks and grease, able to support load, and permanently dry.

Maximal residual moisture:

Cement screed <2% with floor heating <1.8%

Anhydrite screed <0.5% with floor heating <0.3%

Preparation

It might be necessary to prepare the surface professionally for gluing the material. Level out uneven spots with suitable filler. Spackle over poured asphalt screed and other unabsorbent surfaces with a minimum coating of 2 mm.

In any case, the application surface must be absolutely even and evenly absorbent. Treat highly absorbent surfaces with GRAVA Wall Primer Sealer No. 408 and let it dry for one day.

Floorings and adhesives must be acclimatized to at least 18 °C (64.4 °F) for 24 hours before use. Please follow manufacturer's instructions. Before laying the flooring material, determine the optimal airing time and adhesion capabilities by means of a test application.

Application

Application and drying must take place at temperatures above 18 °C (64.4 °F) and after trial gluing in order to exclude incompatibilities of covering material and adhesive.

Cork and linoleum

For **cork parquet up to 4 mm thickness**: Apply thinly and all-over to approximately 2 m² with a fine-toothed trowel (e.g. A2). Insert floor covering into spread adhesive only after doing the "finger test": If touched lightly none of the slightly yellowing adhesive must remain on the fingertips, but under light pressure, the dried surface will burst and fresh adhesive will come out. As a rule the airing time is 20 minutes, but can be a lot longer or shorter. Start in the center to roll on the pressed on plates with a rubber roller or pound gently with a rubber hammer. Remove excess adhesive immediately with a damp cloth. After complete laying of the floor roll over the entire area. Especially check seams and edges.

Alternatively and in the case of **cork parquet from 5 mm thickness onwards indispensable**: apply adhesive all over the surface and on every single cork plate with a radiator roller and glue immediately. Additional information regarding rolling can be found above.

Working with jute backed carpet

DOMO Universal Adhesive No. 513, is a water-containing adhesive, so is possible that certain carpets will shrink.

Please observe the following safety rules:

1. Always leave to dry well.
2. Let seams overlap. Cut to size about 5 hours after gluing and stick the edges together.
3. Press carpet tiles as tight together as possible.
4. Apply skirting boards after adhesive is completely dry.

Important tips

It is of fundamental importance, that the surfaces to be glued are capable of absorbing water. If the type of cork plate strongly warps or buckles into a concave shape (bowl like) after being coated with DOMO-Natural Universal Adhesive No. 513, an incompatibility exists.

The manufacturer assumes no liability for damage resulting from disregarding this application instructions, including poor adhesion or development of fungi under the tiles.

A reliable evaluation of the adhesion test is only possible after 1-2 days.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at www.livos.de. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the LIVOS customer service (see page 1).

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