

Technical Data Sheet

DOMO Natural Universal Adhesive No. 513

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

Without orange oil

Suitable for	Interior gluing of 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.
Technical qualities	Viscous, easily spread, natural resin dispersion adhesive. After setting a durable, elastic bond is achieved. Capable of full impact use after 3 to 5 days. Adhesive stability at temperatures between 0 – 50° C
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 and a relative humidity below 75 % (see reverse for further information).
Coverage	Depending on the toothed trowel used. A 2 = 0.2 — 0.25 kg/ m ² i.e. 1 kg for 4 — 5 m ² B 2 = 0.25 — 0.35-kg/ m ² i.e.1 kg for 3 — 4 m ² C 1 = 0.7 - 1kg/ m ² i.e. 1 kg for 1 - 1.5 m ² Coverage can be considerably less, depending upon the condition and absorbency of the surfaces. Always do a test application!
Drying time	At 23°C 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 0,95g/ml.
Safety advice	S 2 Keep out of the reach of children. S 62 If swallowed do not induce vomiting: seek medical advice immediately and show the container or label.
Disposal	According to local official regulations. Dried glue residues can be disposed of as domestic waste.
Container sizes	1 kg; 2.5 kg; 10 kg.
Storage	Cool, dry and frost free. Use opened containers within 2-3 days.
Package	Polyethylene (PE). This material is groundwater-neutral and recyclable.

Application

General surface

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

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.

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 acclimatised to at least 18 °C 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.

Working with cork and linoleum

Application and drying must take place at temperatures over 18 °C

For **cork parquet** up to 4 mm thickness: Apply with a fine-toothed trowel (e.g. A2) or a radiator roller, a thin but complete coat of adhesive to approximately 2 m² of the adhesion surface. For cork parquet over 5 mm thickness: Apply a thin but complete coat of adhesive to the floor and appropriate number of cork tiles. To glue linoleum please use fine-toothed trowel B2 or C1.

Insert floor covering into the spread adhesive only after doing the following 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. Roll floor covering once, repeat after 20-50 minutes. Please, be sure to check seams and rims carefully. The pressed on floor covering should then again be rolled from the middle outwards with a rubber roller, or pounded gently with a rubber hammer. Remove excess adhesive immediately with a damp cloth. After laying the floor roll the whole area. Check adhesion after 1 hour.

Working with jute backed carpet

DOMO Universal Adhesive No. 513, is a water-containing adhesive. There is the possibility certain carpets may shrink.

Please observe the following safety rules:

1. Always air/ventilate well
2. Let seams overlap. Approximately 5 hours after gluing, cut to fit and glue into place.
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 tile 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 these application instructions, including poor adhesion or development of fungi under the tiles. Observe a trial adhesion of a tile for one entire day, and assess adhesion of the test tile after 2 days.

Can be used as an all-purpose adhesive for paper, cardboard, etc. Not suitable for use on Furniture.

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. 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 retailer, wholesaler, or manufacturer.

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