Technical data sheet

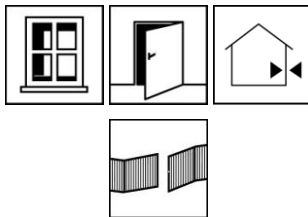**ADLER Feinspachtel**   **41099**

Universal, water-based **fine filler** for **DIY and professional use**

PRODUCT DESCRIPTION

General

Water-based filler for repairing flaws such as cracks, holes etc. and smoothing small areas. Good body, quick drying, very high yield.
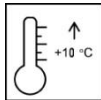
Application areas

- Dimensionally stable timber components for exterior use such as wooden windows, front doors, window shutters and winter gardens in the usage classes 2 and 3 without ground contact.
- Masonry indoors and outdoors
- Wood indoors and outdoors
- Metal indoors and outdoors

PROCESSING

Instructions for use

- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The product can be applied several times a day wet-in-wet.
- Apply using a rustproof filler knife, plastic spatula
- Please observe our **"Working guideline for coating dimensionally stable construction elements"** along with standards and guidelines for window construction.

Application technique

Application method	Filling
Wet-film thickness crack-free (µm)	1000

The product is ready for use.

The shape, properties and dampness of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times
(at 23 °C and 50 % rel. humidity)

Grindable	after approx. 1–2 hours

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the working equipment	With water immediately after use.

SUBSTRATE

Type of substrate	Hard and softwood (solid wood), metal and masonry
Substrate property (or condition)	The substrate must be dry, clean, capable of holding the paint, free from separative substances such as grease, wax, silicone, resin etc. and free from wood dust, and must be checked to see whether it is suitable of being coated.
Wood moisture	Dimensionally stable components: 13 % +/- 2 %

Preparation of the substrate

Wood, wood-based materials inside
Round off any sharp edges, remove wood extractives such as, for example, resins and pitch pockets.
Sand the wood with grit size 120 - 150.

Wood, wood-based materials outside
For optimal durability, we recommend sanding smooth softwood surfaces with grit size 80 in the direction of the grain, cleaning them thoroughly and removing substances that come out of the wood, such as resin and pitch pockets. Round off any sharp edges.

Clean highly resinous timbers and exotic timbers containing drying retardant components with ADLER Nitroverdünnung 80001.

Treat infestation or attack by algae, moss or fungus with Aviva Fungisan 8308000210.

Old coats of paint
Grit size 120. Remove non load-bearing, loose coats of old paint.

Iron and steel
Remove rust down to bare metal. Thoroughly remove greasy or oily impurities using ADLER Entfetter (degreaser) 80394.

Zinc, aluminium and other non-ferrous metals
Sand until matt with grinding fleece and ADLER Entfetter 80394.

Hard PVC and coatable plastics
Sand matt with grinding fleece and ADLER Entfetter 80394.

Plasters of the mortar groups P II and P III

Allow new plaster application to remain untreated for three to four weeks. Re-plastered patches must be set well and dried up and, If necessary treat with fluosilicate. On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV 4074000200.

Gypsum and ready made plasters of the mortar groups P IV and P V
Sand off any sintered coat remaining.
On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV 4074000200.

Gypsum plaster boards (GKP)
Sand off filler burrs and remove the dust thoroughly. Apply a primer coat using Aviva Tiefengrund WV 4074000200 diluted 1:1 with water.

Concrete surfaces
Remove dirt deposits, separating agents or powder layers through

mechanical cleaning.

On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV 4074000200.

Recoatable coatings
Work directly on matt and slightly absorbent coatings.

On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV 4074000200.

Apply leaching agents, roughen up or grind glossy or smooth substrates (such as painted and latex substrates, sintered coats.

Glue-bound distempers
Wash off thoroughly and prime with Aviva Tiefengrund WV 4074000200.

Do not allow Aviva Tiefengrund WV 4074000200 to dry glossy!

Please observe the respective technical data sheets of the products.

COATING SYSTEM

Product application	ADLER Feinspachtel
Intermediate sanding	Sand off filled areas with the right grit size for the substrate. Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with ageing. Remove sanding dust. The intermediate sanding must be done immediately before the subsequent paint application in order to ensure good intercoat adhesion.
Following coat	With water-thinnable paints, emulsion paints or synthetic resin paints. The following coat must be applied immediately after drying outdoors. Please observe the respective technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	400 g; 1300 g
Colours / degree of gloss	Weiß 41099
Supplementary products	ADLER Nitroverdünnung 80001 ADLER Fungisan 96349 ADLER Entfetter 80394 Aviva Tiefengrund WV 4074000200

FURTHER DETAILS

Durability / storage	At least 3 years in the original sealed containers. Store opened containers upright on screw fitting. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).
Safety-related information	Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.