

VKW 142 ACRYLIC

READY ACRYLIC GLUE FOR TILES IN PASTE FORM

D2TE

ΣΥΜΦΩΝΑ ΜΕ
EN 12004:2001

DESCRIPTION

VKW 142 Acrylic is a ready to use acrylic tile adhesive in paste form. It has high elasticity and moisture resistance. It has very strong adhesion to all common substrates. **VKW 142 Acrylic** is slip resistant and has

extended open time leading to the increase of productivity of the application teams. Suitable for indoors and outdoors areas. It meets the requirements of D2TE according to EN 12004:2001.

FIELDS OF APPLICATION

VKW 142 Acrylic is recommended for bonding of all types of tiles:

- every type of small or large tiles
- decorative elements and mosaic tiles
- granite
- cotto tiles
- linker
- porcelain tiles
- glass mosaic tiles

Ideal adhesive for coating of:

- plasterboards
- cementboard

- wood
- concrete
- plasters
- lightweight concrete
- MDF
- cementitious mortars
- old tiling

Recommended for humid areas :

- bathrooms
- kitchens
- showers
- swimming pools

ADVANTAGES – FEATURES

- High elasticity
- Suitable for fixing non – absorbent tile
- Suitable for demanding application
- Excellent workability
- High strength – fast application
- Moisture resistant
- Strong adhesion

SUBSTRATE PREPARATION

The substrate of tiling must be flat, free of loose and foreign materials such as residues plasters, paints, oils etc. It should be stable and free of shrinkage, deformation strengths and should be imposed to vibrations. Absorbent

substrates such as AAC, pumice, plasterboard, particle board, etc, should be primed with **GLX 290** acrylic primer before application.

APPLICATION

Spread evenly **VKW 142 Acrylic** to the surface and then comb with a special notched trowel. Within 30 min of the application, place the tiles by pressing well enough in order to ensure full contact. The fixing on the wall can be made starting from top to bottom using the whole tile, without slipping. During application and during the next 24 hours, the ambient temperature and the substrate

must be between +5 °C και +35 °C. When tiling is done in damp environment (bathrooms, kitchens, etc) it is recommended to use the area 7 days after application, so the adhesive has fully dried. Application on painted surfaces can be done provided that the walls are clean and the paint has strong adhesion to the substrate.

GROUTING

Grouting and walking is allowed after 24 hours. For grouting use **THRAKON FMF 150, FMF 160 LUX**

(cement-based) or if required the epoxy grout **THRAKON FMF 155**.

NOT RECOMMENDED

- For bonding of non- absorbent tiles on non-absorbent substrates.
- In areas with permanent stressing from moisture loads (pools, tanks) or in rooms with uprising moisture.
- Mixing of the product with other materials such as water, cement, sand etc.

CONSUMPTION

Consumption of **VKW 142 Acrylic** is about 1,5-5,0 kg/m² according to smoothness of surface.

PACKAGING – STORAGE

The product is packed in plastic containers of 5 and 15 kg.

In a dry environment with a temperature greater than 0 °C for 12 months from date of production.

CLEANING TOOL

With water while the adhesive is still wet. After hardening cleaning requires special solvents.

PRECAUTIONS

Protect eyes and skin. In case of contact, wash with plenty of water. In case of contact with eyes, seek immediate medical advice. Read the information on the label and technical sheet of the product before use.

Wear suitable protective clothing and gloves. The MSDS of the product is available upon request.

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D2TE

ΣΥΜΦΩΝΑ ΜΕ
EN 12004:2011

TYPE D2TE OF EUROPEAN STANDARD EN 12004

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Form			Pasty
Color			White
Thickness	(mm)		10
Temperature resistance	(°C)		-20 to +90
Open time (30 min)	(N/mm ²)	EN 1346	≥ 0,5
Correction time	(N/mm ²)	EN 1015-9	≥25
Initial adhesion strength	(N/mm ²)	EN 1348	≥1
Adhesion strength in water	(N/mm ²)	EN 1348	≥0,5
Adhesion strength after heat aging	(N/mm ²)	EN 1348	≥1
Adhesion strength after high temperature stress.	(N/mm ²)	EN 1348	≥1
Slip	(mm)	EN 1308	≤0,5
Foot traffic after	(h)		24
Wall grouting	(h)		12
Floor grouting	(h)		24
Consumption	(Kg/m ²)		1,5 – 5,0

Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.