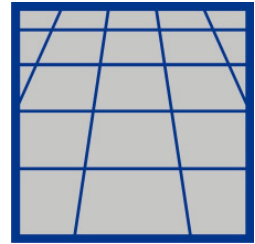


## Media for dry glaze application



## DECOFLUX GR

### Application

Media for dry glaze application are applied in the desired design, **directly onto the tile via the screen printing or roller printing process**. If the whole surface of the tile shall be covered with granules it is of advantage to apply the water-diluted media by means of a disc. Manual application by brush is also possible.

**The glaze or frit granulate is sprinkled on the moist print**, where it remains stuck to the tile surface. Excess granulate can be removed e.g. by blowing with air.

The following important properties are adjusted through the composition of the product:

- good printing properties
- sufficient drying time for granulate application onto fired glazes
- flexible film with a very strong bond
- good burn-off properties

### Mode of action

The raw material base of the media for dry glaze application from Zschimmer & Schwarz are **organic polymers in aqueous glycols**.

A part of the polymers used in media for dry glaze application lead to **excellent printing properties**. In this respect **good sliding properties** and a **clear structure** are of high importance.

As a result of the **good water retention ability of the polymers**, the print stays wet for a long time, so that the dry sprinkled glaze or frit can bond well. This bond arises as a result of **adhesive forces**.

On the basis of their **low specific oxygen demand**, the media for dry glaze application burn off very well at firing temperatures above 1000  C. For the third firing process products are available, which have enhanced burn-off properties at firing temperatures of approximately 750 - 800  C.

As they are free from organic solvents, **pollution of the working environment is reduced** by their use.

As a result of their solubility in water, cleaning of the equipment is simplified.