

# BÜFA® -Accelerator Complex 0399

## Accelerator Complex

Prod. No. 742-1399

### Technical Data Sheet

#### Product description

BÜFA® -Accelerator Complex 0399 is a polymerisation accelerator for hardening unsaturated vinyl ester urethane resins with ketone peroxides. It was specially developed for hardening the BÜFA® -Protection Layer from the LEO series, BÜFA® -Firestop S 270 and BÜFA® -Firestop S 300 Gelcoat.

#### Applications

BÜFA® -Accelerator Complex 0399 is used for hardening the VE gelcoat BÜFA® -Firestop S 270, BÜFA® -Firestop S 300 and BÜFA® -Protection Layer in connection with ketone peroxides at room temperature or moderately elevated temperatures. In particular, it achieves short setting times and reliable full hardening.

#### Specifications / technical data

Property	Test method	Value	Unit
Density at 20 °C	DIN EN ISO 2811	1,03	g/ml
Flow-viscosity at 23 °C in Ø6 mm ISO-beaker	EN ISO 2431	6	s
Flash point	EN ISO 13736:2013	42,0	°C

#### Curing

##### Reactivity:

##### BÜFA method based on DIN 16 945 6.2.2.1

(100 g Palatal P4 + 0.3 g 7421399 BÜFA® -Accelerator Complex 0399 + 2.0 ml Butanox M-50)

20 - 30 °C	3 - 5 min
20 °C - Tmax	7 - 16 min
Tmax	150 - 180 °C

#### Caution!

The above information refers exclusively to the use of the reactants mentioned here in the indicated dosage. If other products are used and the dosage is different, the results may vary.

#### Directions for use

Before processing BÜFA® Protection Layer, BÜFA® -Firestop S 270 or BÜFA® -Firestop S 300, the precise dosing quantity should be established using pre-tests that are close to the practical circumstances. Above all, the respective details on the technical information sheets should also be taken into consideration.

#### Caution!

**Never** mix the accelerator with peroxide directly as this may lead to the explosive disintegration of the peroxide!

#### Caution!

Mix the accelerator with the resin thoroughly first and then add peroxide!

**Note:**

**Caution!**

Please take note of the dosing instructions for this accelerator on the technical information sheets for BÜFA® -Firestop S 270, BÜFA® -Firestop S 300 and BÜFA® -Protection Layer.

**Storage/Handling**

The product must be kept closed, cool and protected from sunlight. It can be stored for at least 3 months at a temperature of up to 20 °C in unopened, original containers. The gelling and hardening times can change through increased storage periods.

Note: The Information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. No legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of our products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU Safety Data Sheet must also be observed.

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