

ACCELERATOR 15

Metallic Complex Catalyst for CONIPUR Products

Product description

ACCELERATOR 15 is a moderate, diluted catalyst based on a metallic complex which accelerates the curing of PUR liquid synthetics even when used in low quantities.

Fields of application

ACCELERATOR 15 shortens the pot life as well as the curing time of single and two component CONIPUR products.

ACCELERATOR 15 is especially suitable speed up the curing time of binders or moisture curing products on basis of PUR (e.g. CONIPUR 216, 217, 4020, 322, 324 and 327). It can also be used for moisture curing two component PUR products (e.g. CONIPUR 203, 207, 208,

210, 220, 220 FL, 221, 222, 224 (N), 224 FL, 225, 226, 227, 236, 248 and 249 FL).

The needed quantity of ACCELERATOR 15 depends on the temperature and has to be defined by [preliminary tests](#).

To accelerate other CONIPUR products or in case of special jobsite conditions please contact our Technical Department.

Properties

ACCELERATOR 15 is a yellowish liquid. It can easily be mixed with all polyurethane based systems.

Technical Data

Density	at 23 °C	g/cm ³	approx. 1.00
Viscosity	at 23 °C	mPas	approx. 500
Flash point		°C	> 150
Solubility	in water	g/l	< 1
	in most organic solvents	g/l	∞
<i>Above figures are guide values and must not be used as a base for specifications!</i>			

Application method

ACCELERATOR 15 is mixed with the PUR binder until the blend is [homogeneous](#).

After this, it has to be mixed with the material to be bonded (e.g. rubber granules).

When working with [two component products](#), the two components have to be thoroughly [mixed](#) to achieve a homogeneous blend [before](#) adding ACCELERATOR 15.

Quantity to be added

The required quantity of ACCELERATOR 15 [depends](#) not only on the product to be catalysed but also as on [temperature](#) and [air humidity](#) and has to be found out by making [preliminary tests](#).

Warning: too much catalyst can shorten dramatically the working time and makes the application very difficult or even impossible.

In most of the corresponding Technical Data Sheets of the products to be catalysed rough guide values can be found.

A [guide value](#) for the quantity of ACCELERATOR 15 to be added to moisture curing products (e.g. binders) is 1 %.

The quantity for 2 component PUR products is approx. 0.1-0.2 %.

For the acceleration of moisture curing products ACCELERATOR 10 (more concentrated) can also be used.

CONIPUR products are developed in order to make the adding of accelerators unnecessary.

A supplementary acceleration must only be performed when working at [low temperatures](#), very low air humidity (binders!) or when using only part of the working packs (e.g. for repair works).

Pack size

ACCELERATOR 15 is supplied in 5 kg cans.

Colour

yellowish

Storage

Store in unopened cans under dry conditions at a temperature range of 5 - 25 °C.

Do not expose to direct sunlight.

Before use, please see "best before" date on the pail / drum.

Safety precautions

For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet of the product.