

ACCELERATOR 12

Amine Catalyst for CONIPUR Products

Product description

ACCELERATOR 12 is a very active, pure catalyst based on a tertiary amine which accelerates the curing of PUR liquid synthetics even at low concentrations.

Fields of application

ACCELERATOR 12 shortens the pot life as well as the curing time of single component and two component CONIPUR products.

ACCELERATOR 12 is especially suitable to speed up the curing time of or moisture curing 2-component products on PUR basis (e.g.. CONIPUR 203, 207, 208, 210, 220, 220

FL, 221, 222, 224 (N), 224 FL, 225, 226, 227, 236, 248, 249 FL), but also for moisture curing binders (e.g. CONIPUR 216, 217, 4020, 322, 324, 326).

The needed quantity of ACCELERATOR 12 [depends](#) on the [temperature](#) and has to be defined by [preliminary tests](#).

For the acceleration of other CONIPUR products or in case of special jobsite conditions please contact our technical department.

Properties

ACCELERATOR 12 is a colourless liquid. It can easily be mixed with all polyurethane based systems

Technical Data

Density	at 23 °C	g/cm ³	approx. 1.03
Viscosity	at 23 °C	mPas	approx. 700
Flash point		°C	> 110
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 12 is mixed with the PUR binder until the blend is [homogeneous](#).

When used to accelerate two component products the product has to be mixed before (see technical data sheet) the accelerator is added.

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

Quantity to be added

The required quantity of ACCELERATOR 12 [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 values for your reference can be found.

A [guiding value](#) for the quantity of ACCELERATOR 12 to be added to moisture curing products (e.g. binders) is 0.1-0.2%.

The quantity for two component PUR products is approx. 0.01-0.02 %.

In order to avoid an overdose of catalyst we recommend the use of ACCELERATOR 15.

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 12 is supplied in 3 kg cans or in drums of 210 kg.

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.