

## TYPE

Polyamidoamine

## FORM OF DELIVERY (f.o.d.)

70 % in xylene (70X)

## H-equivalent weight

(f.o.d.) 255 g/mol  
(solids) 178 g/mol

## SPECIAL PROPERTIES

**In combination with Beckopox EP 301 for solvent-based primers and coatings with long processing time, for mineral and metallic substrates.**

## PRODUCT DATA

### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (500 1/s; 23 °C)	[mPa.s]	550 - 1700
---------------------------------------	---------	------------

#### Amine Value (Reaction Resins) DIN 16945 / 5.6

amine value (form of deliver)	[mg KOH/g]	155 - 185
----------------------------------	------------	-----------

#### Iodine Colour Number DIN 6162

iodine colour number		<= 20
----------------------	--	-------

### Not continually determined:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (500 1/s; 25 °C)	[mPa.s]	500 - 1500
---------------------------------------	---------	------------

#### Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm <sup>3</sup> ]	0,95
-------------------------------	----------------------	------

#### Flash Point DIN EN ISO 1523

flash point approx.	[°C]	25
------------------------	------	----

## SUGGESTED USES AND PROCESSING

Combinations of Beckopox EH 651 with epoxy resins, both solventbased and solvent-free, give systems with long pot life. Cured films show good flexibility, adhesion, water resistance and resistance to many chemicals.

The product is preferably used in combination with xylene-based solid epoxy resins, such as Beckopox EP 301, for metal coatings and anti-corrosion-primers.

Modified with suitable grades of tar, coating systems for e. g. lock gates, concrete and underground-installed conduits can be formulated. Zinc rich primers can also be formulated.

## MIXING RATIO AND POTLIFE

A blend of

100 g Beckopox EP 301/75X  
40 g Beckopox EH 651/70X

starts to gel at 23 °C after approx. 8 hours.

## STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

The product may show green coloration.

## DISTINGUISHING FEATURES

Beckopox EH 651 gives the longest processing time of the polyamidoamines in the Beckopox range.

## SAFETY AT WORK AND ENVIRONMENTAL PROTECTION

When handling and processing epoxy resins and hardeners, the rules and regulations established by local authorities should be observed. A Material Safety Data Sheet is available on request.

