

### TYPE

Mannich base (aliphatic polyamine)

### H-equivalent weight

(f.o.d.) 89 g/mol  
(solid resin) 80 g/mol

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

approx. 80 % in benzyl alcohol / xylene (1:1) (90X)

### PRODUCT DATA

#### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	500 - 800
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#### Amine Value (Reaction Resins) DIN 16945 / 5.6

amine value (form of deliver)	[mg KOH/g]	385 - 425
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#### Iodine Colour Number DIN 6162

iodine colour number		<= 5
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#### Not continually determined:

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

density approx. (20 °C)	[g/cm <sup>3</sup> ]	1,09
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#### Flash Point DIN EN ISO 1523

flash point approx.	[°C]	44
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### SPECIAL PROPERTIES AND USE

In combination with liquid epoxy resins Beckopox EH 624/90X is especially suited for formulating very well chemical resistant container linings, flooring compounds and coatings for steel structures. The curing agent has a high reactivity in thin films as well as in highly filled systems. Even at low temperatures and high humidity a hard tack-free surface is obtained. It is also used for improving the reactivity of cycloaliphatic polyamines such as Beckopox EH 637.

### MIXING RATIO AND POT LIFE

A blend of

100 g Beckopox EP 140  
48 g Beckopox EH 624/90X

starts to gel at 23 °C after approx. 35 minutes.

### STORAGE

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

### DISTINGUISHING FEATURES

Beckopox EH 624/90X contains less free phenol than Beckopox EH 629 and shows better early-water-resistance. This delievery form is not suitable for solvent free systems.

### 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:

