



High Performance Paint Product Data Sheet



EPOTEC NT EPOXY HARDENER Standard and Hi Temp (part B) 72-000/72-0001 Nov 19



DESCRIPTION:

A two pack epoxy hardener for use with Epotec NT swimming pool paint.

Epotec NT hardener Standard

Epotec NT hardener Hi Temp

PERFORMANCE:

- Standard is the normal general use hardener for most conditions except application in high temperatures.
- Hi Temp is only for use in application temperatures exceeding 25°C and where application conditions lead to the formation of air bubbles in the coating that will not flow out.

LIMITATIONS: Not suitable for use as a tank lining for vegetable oils and fatty acids such as lactic or acetic acid. Product has strong exotherm. Not recommended as a coating for polyethylene or acrylic swimming pools. Do NOT apply EPOTEC NT EPOXY when the air temperature is below 15°C and no application at all should be attempted below 13°C ground temperature particularly in wet or humid conditions.

TECHNICAL DATA:

Resin:	Polyamine
Pot Life:	
Standard	90 mins @ 20°C Aim to apply mixed paint in 60 minutes
Hi Temp	180 min @ 20°C Aim to apply mixed paint in 100 minutes
Mixing Ratio:	4:1 by weight
Pack Size:	1 Kg

COMPUTER CODES:

Epotec NT Epoxy hardener	Standard	72-0000
Epotec NT Epoxy Hardener	Hi Temp	72-0001

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Freedom from patent restrictions is not implied.

EPOTEC NT EPOXY HARDENER

SURFACE PREPARATION, MIXING AND APPLICATION:

Refer to the Epotec NT data sheet and relevant Epotec information sheets and specifications.

Minimum surface temperature is 13°C. Check with IR non-contact thermometer if in doubt. If surface temperature falls below 13°C, curing will slow and only continue at the normal rate, when the temperature rises.

EPOTEC NT EPOXY is mixed after adding all Hardener into larger Resin tin. Use slow speed power mixer for 3 mins and make sure all sides and bottom are completely mixed and homogenous. Do not entrain air. Immediately empty into roller tray and commence using. No waiting.

Protect EPOTEC NT EPOXY from dew, rain and dirt for the first 6 – 12 hours at 20°C. Water sensitivity time is the same for both hardeners.

POT LIFE:

Standard

Temperature °C	Pot Life	Workable Time	Touch Dry Time
13	6 Hrs	1.5 Hrs	12 Hrs
20	1.5 Hrs	60 min	6 Hrs
25	75 min	45 min	5 Hrs

Hi Temp

Temperature °C	Pot Life Hours	Workable Time	Touch Dry Time
20	3 Hrs	1.5 Hrs	6 Hrs
25	2.5 Hrs	1.5 Hrs	6 Hrs
30	95 min	80 min	5 Hrs

Aim to use ALL mixed material within the specified time. Has strong exotherm and do not use when it gets hot.

THINNING AND CLEAN UP:

Thinning is not normally required. For clean-up of brushes and rollers use AUTOSPEED 2K THINNER normal, or discard after each coat. First coat maybe thinned up to 2 – 5% with AUTOSPEED 2K THINNER normal to aid roller/ brush out application and cutting in.

ENVIRONMENTAL:

DO NOT POUR paint or wash down storm or water courses. ALWAYS dispose of in accordance with Local Government Regulations. Soak up spills with absorbent materials and dispose of properly. If spraying use suitable respiratory protection. Refer to the SAFETY DATA SHEETS.