

# N.E.H 1816

## Description:

N.E.H 1816 is an extremely low viscosity modified cycloaliphatic amine epoxy hardener used with liquid epoxy resins at room temperature. It has the advantages of good flexibility, good yellowing resistance, good moisture resistance, whitening resistance and water stains resistance, good color stability, high hardness, high gloss surface effect, excellent dilution effect on epoxy resin.

Properties	
Appearance	Transparent liquid
Viscosity (BH model CPS/25°C)	60-150
Amine value (mgKOH/g)	300-400
Color (Gardener)	<1
Solid content (% , 2g/3h/105°C)	100
A.H.E.W	94
Pot life (100g/25°C, minutes)	35-50 minutes
Dry to touch (25°C/h)	6-8 hours
Light foot traffic	<24 hrs
Full Curing time	<7 days
Hardness	86
Specific Gravity (25°C)	0.99

## Application

Used as curing agent for epoxy floor self-leveling or thin coating surface, mortar flooring.

It is applied to high solid and solvent free coatings.

Mix Ratios	
Epoxy	N.E.H 1816 * <sub>PHR</sub>
N.E.R 128	50
N.E.R 134	35-40
N.E.R 011X-75	15

## Storage and packaging

Stored in a cool and dry place with ventilation and can be sealed for 12 months. Avoid direct contact with water or strong acid and alkali.