



**HYCHEM**  
EPOXY SYSTEMS

# Hychem XE40 Hardener

Rapid curing epoxy hardener

Hychem XE40 Hardener is a rapid curing epoxy hardener designed to be used with the epoxy resin component for SupaFloor and GP. Using XE40 Hardener will reduce the cure time of these resins to approximately half the conventional system.

## USE

XE40 Hardener is recommended for use where the cure times of regular SupaFloor and GP are too long for the application. It is suitable for use as a base layer and repair mortar.

## FEATURES AND BENEFITS

- Faster job turn around with base and topcoat achieved on the same day.
- High resistance to mineral acids
- High resistance to caustic and salt solutions
- Abrasion and impact resistant
- High mechanical strength
- Low odour
- Non flammable
- Cures rapidly
- Seamless

## TECHNICAL PROPERTIES (25°C)

Pot life	15 minutes
Tack free time	3 hours (approximately)
Recoat time	3 - 24 hours (approximately)
Application Temperature	10 - 30°C
Cure time	6 hours - light foot traffic 24 hours - light mechanical traffic 7 days - full cure
Hardness Shore D - 7 days	78

## MIXING RATIOS

### When used with SupaFloor:

Part A Resin	14 kg	or	8.7 L
Pigment weight varies with colour or			1 L
XE40 Hardener	3.4 kg	or	3.40 L
ESL Filler	15 kg	(when used as a base layer)	

### When used with GP Resin:

Part A Resin	2.25 kg	or	2 L
XE40 Hardener	0.85 kg	or	0.85 L

NOTE: Refer to the respective SupaFloor and GP technical data sheets for further information including surface preparation, environmental conditions, chemical resistance and colour.

## LIMITATIONS

- Minimum substrate temperature 10°C
- Maximum substrate temperature 25°C
- Substrate temperature must be 5°C above dew point
- Substrate moisture less than 5%

XE40 Hardener may not necessarily give the same gloss levels as the conventional SupaFloor hardener so its suitability is more for base coats rather than topcoats. However, the level of finish achieved for a topcoat with XE40 Hardener may certainly be satisfactory depending on the application and also the environment under which it is applied.

If under any doubt please call Hychem for advice.

## PACKAGING

10 litre pail

20 litre pail

190 kg drum

## SAFETY PRECAUTIONS

Wear appropriate personal protection equipment. Gloves, eye protection, mask and overalls should be used during mixing and application.

## SHELF LIFE

12 months from date of manufacture, stored under shelter at 25°C in the original un-opened container.

### Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by HYCHEM either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not HYCHEM are responsible for carrying out procedures appropriate to a specific application.

### Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at the time of print. As the information herein is of a general nature, no assumption can be made as to the product suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.



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