

Ara® Cool 3077

Multipurpose low temperature curing hardener (zero-VOC)

A highly reactive, formulated amine offering a zero-VOC alternative to products containing benzyl alcohol and/or SVHC

Ara® Cool 3077 is a low temperature curing agent, designed as a SVHC-free multipurpose hardener for coating and flooring applications.

Provides excellent reactivity at temperatures as low as 5°C. It can be used as an accelerating co-curative with many different curing agents and in various applications.



Applications

- > Low emission floorings especially for low temperature cure
- > Zero-VOC anti-corrosion primers (5-10°C cure)
- > Co-accelerator for slow hardeners
- > Multipurpose hardener

Key features

- > SVHC-free
- > No benzyl alcohol (low emission hardener)
- > Excellent reactivity down to 5°C
- > Good surface properties even at low temperature (low blushing)
- > Relatively low viscosity (460 - 540 mPa.s)

Ara[®] Cool=3077

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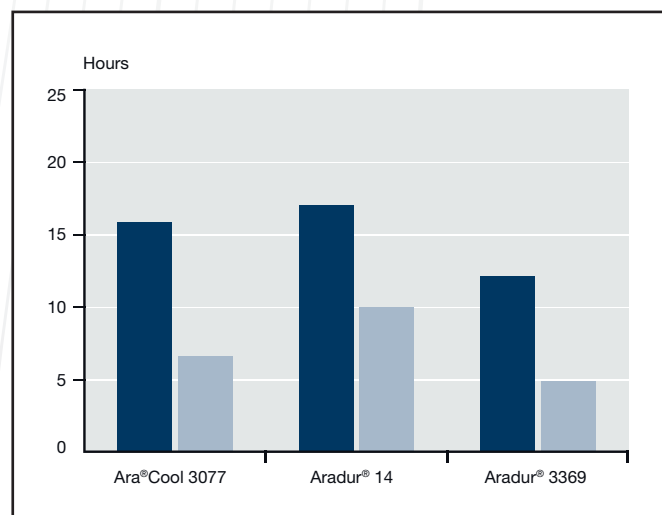
Typical product characteristics at delivery

Viscosity	at 25°C	460 - 540 mPa.s
Recommended HAEW		70 - 75 g/Eq

Typical characteristics when combined with Araldite[®] GY 250 resin

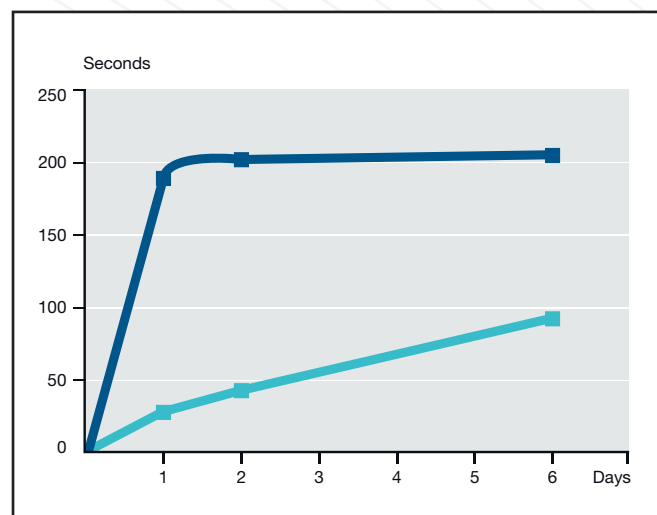
Mix ratio	at HAEW = 75	40 : 100
Solid content of the mix		100 %
Pot life	at 23°C	15 minutes
Tack free time	at 23°C	~ 2 hours
	at 5°C	~ 4 hours

Cure speed comparison in combination with Araldite[®] GY 783



■ Through cure time at 5°C ■ Dust free cure time at 5°C

Pendulum hardness at different temperatures in combination with Araldite[®] GY 250



■ Days of cure at 23°C ■ Days of cure at 5°C

Learn more on www.huntsman.com/advanced_materials

For any other information, please send an e-mail to advanced_materials@huntsman.com

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