



# EPOXY CASTING SYSTEMS

## SURFACE & MASS CASTING

PERFECT FOR FILLED TOOLING SYSTEMS ▪ VARIABLE CASTING THICKNESSES AVAILABLE



BUILDING TRUST



## EPOXY CASTING SYSTEMS – ROOM TEMPERATURE

Product	Brand	Tg (°F)	Shore Hardness	Max Casting Thickness	Cured Color	Pot Life (min/g)	Description & Applications
AC 2310							Abrasion-resistant system for stretch forms, hydroform, and drop hammer dies
AC 2310 H		160	93 D	2"	gray	240/440	
TCC-401							Abrasion-resistant, iron-filled system for cast hydroform tools, stretch form blocks, and metal forming dies
TCC-104 H		180*	80 D	< 1"	black	30/500	
TCC-104-5 H		180*	80 D	< 4"	black	50/500	
TCC-105 H		180*	80 D	> 4" with bulk fill	black	90/500	
TCC-410							Aluminum-filled, impact-resistant system for surface casting on prototype stamping dies
TCC-104 H		180*	84 D	< 1"	gray	60/500	

## EPOXY CASTING SYSTEMS – HIGH TEMPERATURE

TCC-410							Aluminum-filled system for mass casting applications where high impact resistance is desired
TCC-104-5 H		210*	84 D	< 4"	gray	100/500	
TCC-105 H		240*	84 D	> 4" with bulk fill	gray	150/500	
EC-440							Binder resin for ceramic-filled casts and back filling of nickel shell mold surfaces. Requires use of N6/N61 fillers
EC-440 H		208	95 D	6"	lgt amber	70/260	
TCC-626							Impact-resistant system with excellent thermal shock for surface casting applications
TCC-116A H		217	85 D	1"	black	120/500	
EC-439							Binder resin for ceramic-filled cast tooling for low volume production of RIM, RTM, and cold compression molds. Requires use of N6/N60 fillers
EC-439 H		270	89 D	6"	lgt amber	180/260	
EC-433							Aluminum-filled system for production of vacuum form molds, prototype plastic injection molding, RIM, and back filling of laminated or spray metal mold surfaces
EC-433-4 (Slow)		285	91 D	< 3"	gray	270/1,356	
EC-433-2 H (Fast)		288	90 D	< 1"	gray	120/336	
EC-433-3 H (Med)		305	90 D	1"	gray	200/1,356	
EC-415							Aluminum-filled system with excellent thermal conductivity for cast autoclave molds, plastic injection molds, and compression molding applications
EC-415 H		428	89 D	3"	gray	150/200	

\* Peak Operating Temperature

### SikaAxson US

31200 Stephenson Hwy.  
Madison Heights, MI 48071  
Phone: +1 (248) 588-2270  
Toll Free: +1 (800) 344-7776  
Fax: +1 (248) 588-5909  
Email: [axsonmh@axson.com](mailto:axsonmh@axson.com)  
[www.sikaaxson.us](http://www.sikaaxson.us)

SikaAxson US proudly manufactures the following brands:



The information in this document reflects representative values at the time of publication. Please consult Technical Data Sheets (TDS) for additional information. Visit our website to view other products and technical / safety data. SikaAxson US Terms and Conditions apply to all sales.

Issue April 2017