

Araldite® PZ 985 E[#]
Aradur® 985 E-1[#]
Formulated, hot-curing, solvent-containing coating system

Applications	Araldite PZ 985 E with Aradur 985 E-1 is suitable for the production of hard yet flexible stoving varnishes for the protection of steel, aluminium and other light alloy substrates. Typical applications include:		
	<ul style="list-style-type: none"> • can coatings • protective coatings for industrial equipment • coatings for electrical components. 		
Properties	Hard coatings exhibiting high chemical resistance and very good mechanical strength, excellent adhesion to metals, and good flexibility even after over-stoving.		
Key data	Specified key data	Araldite PZ 985 E	Hardener Aradur 985 E-1
	Aspect (visual)	clear liquid	clear liquid
	Colour (Gardner, ISO 4630)	≤ 5	≤ 3
	Acid number (ISO 2114)	≤ 1	0.1 - 5.0 [mg KOH/g]
	Solids content (2 h/105 °C, ISO 787-2)	58.0 - 62.0	19.0 - 22.0 [%]
	Viscosity at 25 °C (Falling-ball, ISO 12058-1)	2400 - 2800	- [mPa s]
	Specified key data are individually checked throughout and guaranteed.		
	Typical key data		
	Density at 25 °C (ISO 1675)	1.05	0.95 [g/cm ³]
	Flash point (Pensky Martens, ISO 2719)	≥ 36	≥ 23 [°C]
	Solvents, Araldite PZ 985 E	Xylene/4-methyl-2-pentanol/ethylene glycol mono-butyl ether/Solvesso 150 (13:10:46:62)	
	Solvents, Aradur 985 E-1	1-methoxy-2-propanol/n-butanol/propanol/diacetone alcohol (49:10:23:86)	
	As-supplied form	liquid	liquid
	Odour	slight	slight
	Shelf life (at storage temperature between 2 - 40 °C) (see expiry date on original container)	3 years	
	Hazardous decomposition products (when disposed of in fire)	carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases and vapours	
	Disposal	regular procedures approved by local authorities	
	Typical key data are spot checked; the values are typical for the product and are indicated for information only. The values are not guaranteed.		

[#] In addition to the brand name product denomination may show different appendices, which allows us to differentiate between our production sites: e.g. BD = Germany, US = United States, IN = India, CI = China, etc. These appendices are in use on packaging, transport and invoicing documents. Generally the same specifications apply for all versions. Please address any additional need for clarification to the appropriate Huntsman contact.

Mix ratios	Components	Parts by weight
	Araldite PZ 985 E	3
	Aradur 985 E-1	1
	Solids content of mix	approx. 50 %
	Shelf life at 18-25 °C of mix with approx. 50 % solids content	approx. 3-4 months
	Shelf life at 18-25 °C of resin/hardener	
	Mixes with reduced solids contents	up to 6 months
The viscosity of a mix can be modified by adding polar solvents such as ketones, glycol ethers or alcohol and aromatic hydrocarbons.		
The resulting mix should be allowed to settle for at least 24 hours prior to application.		
Storage	Araldite PZ 985 E and Aradur 985 E-1 should be stored in a dry place, preferably in the sealed original container, at temperatures between 2 and 40 °C. The product should not be stored exposed to direct sunlight.	
Handling precautions	Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.	
Note	Araldite® and Aradur® are registered trademarks of Huntsman LLC or an affiliate thereof.	



Huntsman LLC <small>®Registered trademark</small>	<p>IMPORTANT: The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.</p>
	