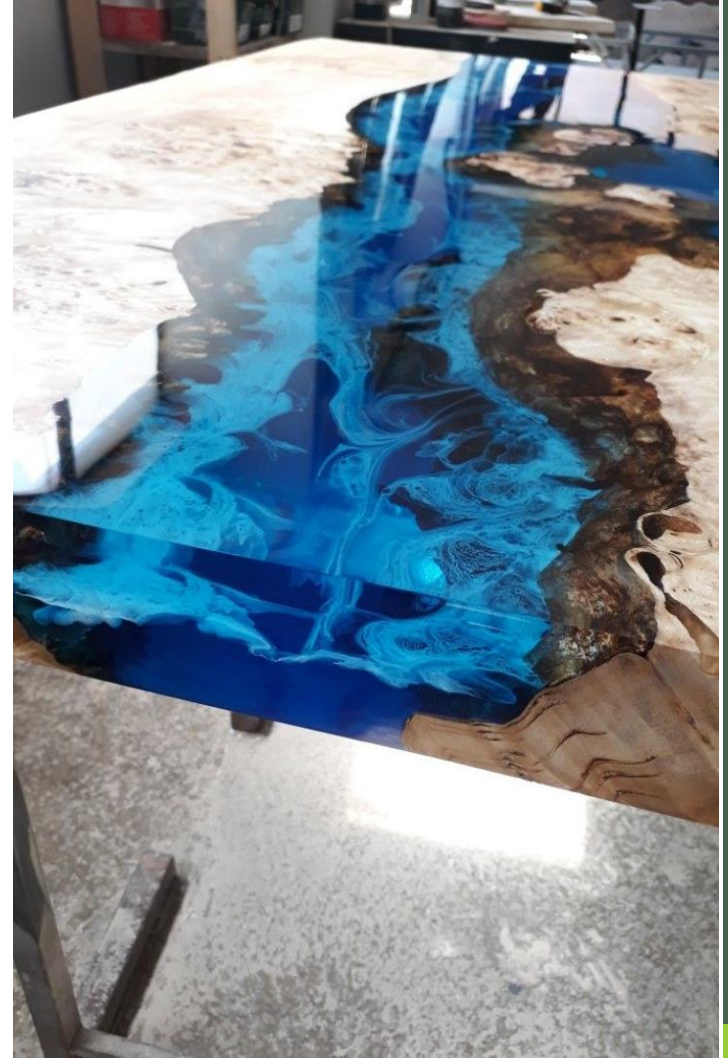


# Epoxy Resin



# Epoxy Resin –What is it?

- Epoxy resin is a type of polymer formed by mixing a resin and a hardener. It cures to a strong and durable finish that enhances the natural beauty of wood.
- Epoxy is one of the strongest resins.
- It offers great strength and high heat resistance.
- Epoxy resin can be used to create beautiful and functional finishes, fill voids, stabilize wood, or even as an adhesive.
- Epoxy resins are used widely in furniture, arts & crafts.



# Epoxy Resin –How it works

- Epoxy resin is a two-part mixture, when combined and cured, it forms a clear and durable finish on wood surfaces.
- Great as a surface finish on furniture, worktops and floors. (Liquid Glass usually a 2mm pour)
- Casting resins are used for making components and tools in industry but also for casting objects like the river tables. (Deeper pours)

- Some sites provide a handy [calculator](#) to help you buy enough product.

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## Pigments



Polycraft Pearlescent  
Mica Pigment Powder -  
Cupreous Brown  
£3.00 - £8.00

Polycraft Pearlescent  
Mica Pigment Powder -  
Dark Blue  
£3.00 - £8.00



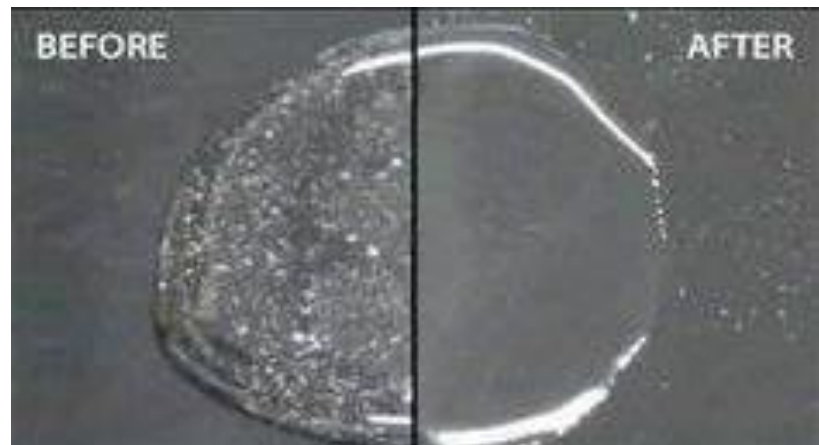
# History of Epoxy Resin

- Epoxy resin has been in use for over 120 years. Russian Scientists started mixing epoxy compounds in the early 1900s – Maritime
- Mainly used as a primer to help the adhesion of the final coats of paint to boat/ship hulls and their decking.
- Epoxy resin, was created in 1936. Dr. Pierre Castan, from Switzerland, and Dr. S.O. Greenlee, from the USA, both recognised the chemistry of epoxy that we use today. They applied for different patents during the late 1930's. [Expoxyflooringtech.com](https://www.expoxyflooringtech.com)
- From the 1950s onwards, epoxy resins have made its way into the aerospace, construction and woodworking industries as its versatility, hardness and endurance, has allowed it to remain relevant all these years to the present day.

# Working with Epoxy Resin

- Epoxy resin requires careful mixing, application, and curing, demanding precision and attention to detail.
- Instructions must be followed precisely.
- Working with epoxy resin requires proper ventilation and protective equipment, as it can release harmful fumes.
- Some resins require heat to help cure some generate heat while curing so need to be poured in cool dust free environments.
- Depending on the type and environmental conditions, epoxy resin can take several hours or days to fully cure.

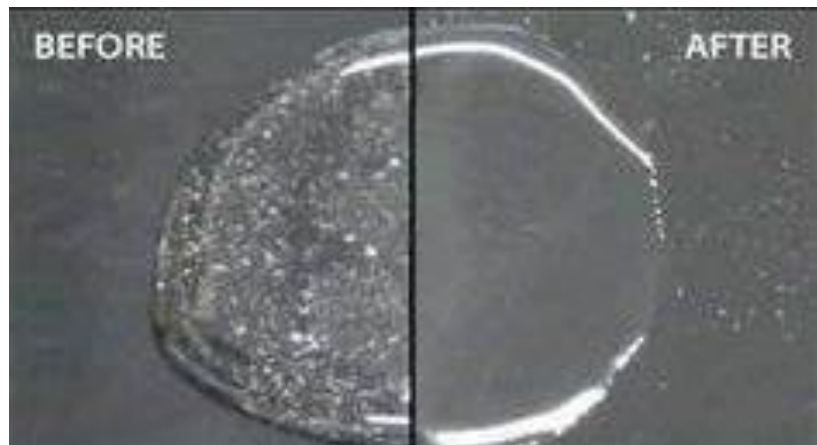
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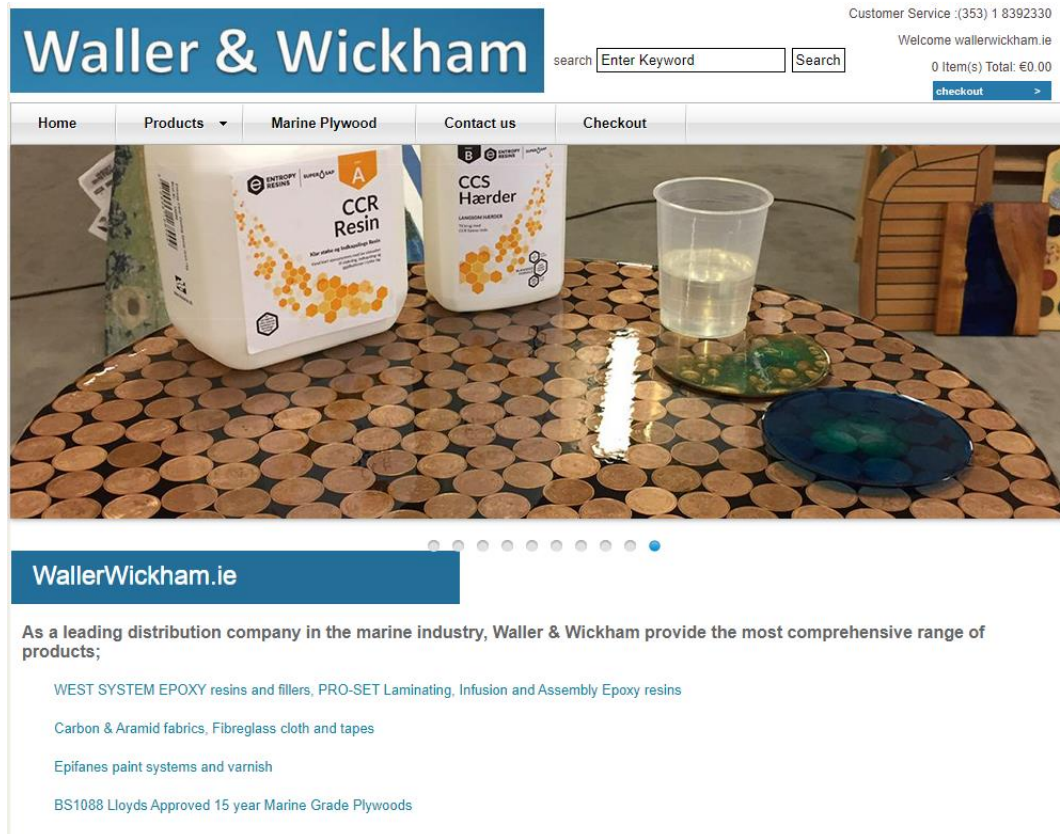
# Tips for Working with Epoxy Resin

- Surface preparation is key- Ensure the wood surface is clean, dry, and free of dust or contaminants.
- Perform a small test on a scrap piece of wood to familiarise yourself with the epoxy resin's behavior and effects especially if using pigments.
- Epoxy resin requires careful mixing. Follow the manufacturer's instructions to accurately measure and thoroughly mix the epoxy resin components.
- Add mixtures slowly to avoid creating extra bubbles.
- Working with epoxy resin requires proper ventilation and protective equipment, as it can release harmful fumes.
- Be aware of [HSE Information Sheet on Epoxy Resin](#).

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# Epoxy Resins & Liquid Glass

- Liquid Glass available [here](#)



The screenshot displays the Waller & Wickham website. At the top, the company name "Waller & Wickham" is prominently featured in a blue header. To the right, there is a search bar with the placeholder text "Enter Keyword" and a "Search" button. Further right, the text "Customer Service : (353) 1 8392330" and "Welcome wallerwickham.ie" are visible. Below the search bar, a navigation menu includes "Home", "Products", "Marine Plywood", "Contact us", and "Checkout". The main content area features a large image of two white plastic jugs of epoxy resin, labeled "CCR Resin" and "CCS Hærdet", sitting on a round table with a mosaic top. A clear plastic cup containing a yellowish liquid is also on the table. Below the image, the website URL "WallerWickham.ie" is displayed in a blue box. A paragraph of text reads: "As a leading distribution company in the marine industry, Waller & Wickham provide the most comprehensive range of products;". Below this, a list of products is provided: "WEST SYSTEM EPOXY resins and fillers, PRO-SET Laminating, Infusion and Assembly Epoxy resins", "Carbon & Aramid fabrics, Fibreglass cloth and tapes", "Epifanes paint systems and varnish", and "BS1088 Lloyds Approved 15 year Marine Grade Plywoods".

Waller & Wickham

Customer Service : (353) 1 8392330  
Welcome wallerwickham.ie  
0 Item(s) Total: €0.00  
checkout

Home Products Marine Plywood Contact us Checkout

CCR Resin  
CCS Hærdet

WallerWickham.ie







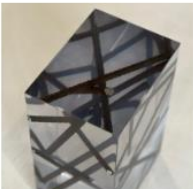





As a leading distribution company in the marine industry, Waller & Wickham provide the most comprehensive range of products;

- WEST SYSTEM EPOXY resins and fillers, PRO-SET Laminating, Infusion and Assembly Epoxy resins
- Carbon & Aramid fabrics, Fibreglass cloth and tapes
- Epifanes paint systems and varnish
- BS1088 Lloyds Approved 15 year Marine Grade Plywoods

# Epoxy Resins & Liquid Glass

- Deep Pour Liquid Glass available [here](#)

Default sorting    Showing 1–16 of 23 results    1 2 >

			
<b>Casting Epoxy</b>	<b>Coating Epoxy</b>	<b>Epoxy Gelcoat</b>	<b>Laminating Epoxy</b>
			
<b>EpoxAcast™ 690 – Optically Clear Casting Epoxy</b> €60.00 – €200.00 ex. VAT	<b>Tarbender™ – High Gloss Coating, Bar Top Epoxy, and Encapsulant</b> €60.00 – €198.00 ex. VAT	<b>Deep Dive – Extra Deep Encapsulating Casting Resin – Up to 85mm</b> €230.00 ex. VAT	<b>Deep Cast Clear Casting Resin – River Tables – Up to 50mm</b> €23.00 – €760.00 ex. VAT
			

# Epoxy Resins

- Various Epoxy Resins available [here](#)

CALL US NOW: 028 9279 0143 MON-THU 8:30AM - 5:00PM, FRI 8:30AM - 3:30PM NEW ACCOUNT BLOG LOG IN GBP CONTACT

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mbfg.co.uk

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**DELIVERY INFORMATION**  
Updated Order Lead Times

**QTY VOL CALCULATOR**  
Get the right quantity every order

**EXPERT CUSTOMER SUPPORT**  
★★★★★ Read our reviews >

---

Home > **Epoxy Resins**


**Category Menu**

- Specialist & Hobby
- Clearance
- Acetone
- Additives & Solvents
- Adhesives & Glues
- Ancillaries & Tools
- Books
- Carbon Fibre
- Catalyst
- ChemTrend / ChemLease
- Coremat
- Cured Samples
- Epoxy Resins**
- Fast Cut & Polish Compounds
- Fibreglass Kits
- Fibreglass Mats & Fabrics
- Filler Pastes
- Filler Powders
- Gift Voucher
- Hempel Marine Paints


## Epoxy Resins

Gurit has established itself as a developer and innovator in the composites industry and positioned itself as the leading global supplier of composite materials, engineering services, tooling equipment, and select parts and systems. Over 30 years experience in the practical application of composites across various market sectors and projects, from small parts to large-scale structures, combined with a unique technical approach enables Gurit to offer the complete composite solution.


Page 1 of 1: 28 Items Sort by:




**Polycraft ClearTop 5 Epoxy Water Clear Resin System (Bar / Counter / Table Top) Suitable For**



**Polycraft ECR 80 (Bio ECR80) Epoxy Water Clear Resin System (Bar / Counter / Table Top)**



**Polycraft ClearTop 35 Epoxy Water Clear Resin System (Bar / Counter / Table Top) Suitable For**



**Polycraft D150 High Transparency Epoxy Casting Resin System**

# Liquid Glass

- Deep Pour Liquid Glass available [here](#)

**FREE SHIPPING ON ALL ORDERS OVER \$150!**

**SUPERCLEAR**  
Super Epoxy Resin Systems

Shop About Us Newsletter Trusted Artisans & Craftsmen Support Blog


## 2-4" Plus Deep Pour – Liquid Glass® Epoxy Kit

### Epoxy Casting Resin System

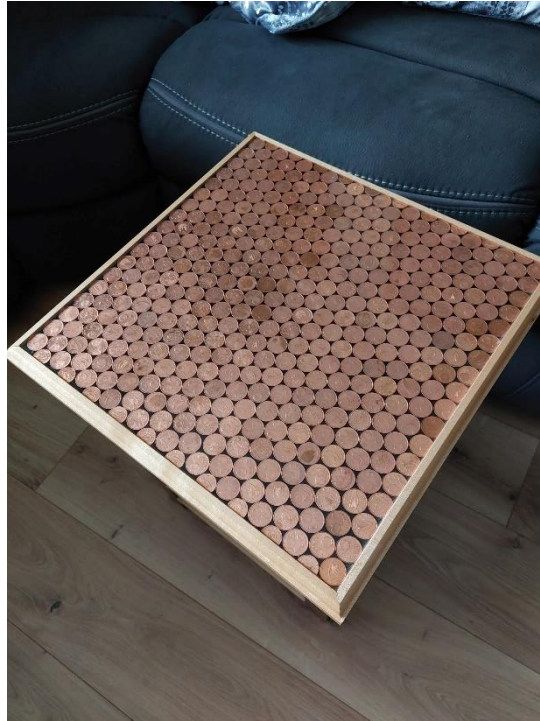
Our Superclear® 2.0 Liquid Glass® Epoxy Kit Casting Resin System gives you unmatched industry performance, convenience by eliminating 75% of your work, with the clearest finish you can get on the market today!

Comes in 3 easy sizes to fit your casting needs: 0.75 Gallon, 1.5 Gallon, 3 Gallon.

**BUY NOW**



# 5 Cent Table

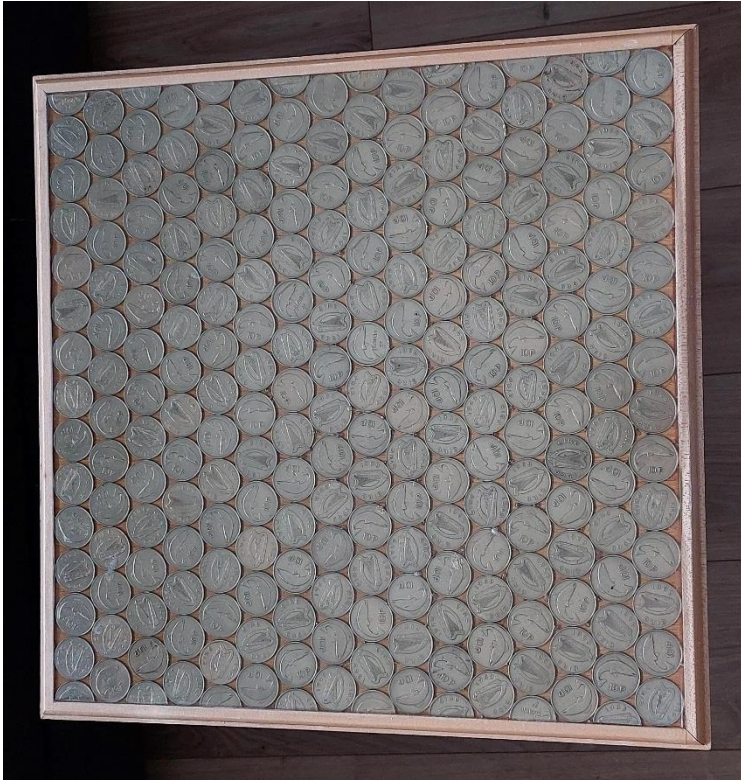


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# 5 Cent Table

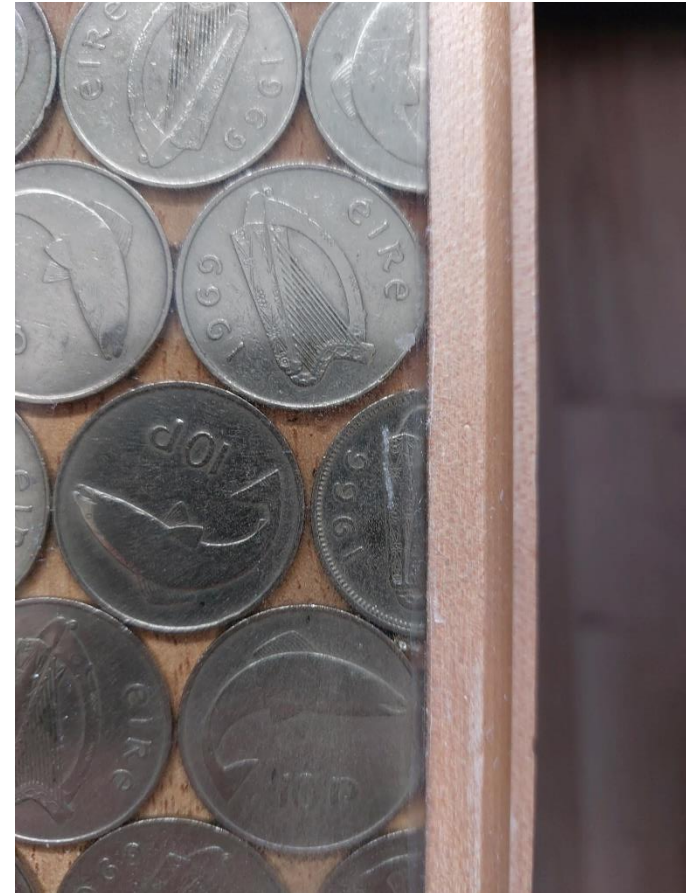


# 10p or Florin Table



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# 10p or Florin Table



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# Art Sculpture Repair



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# Art Sculpture Repair



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# Art Sculpture Repair



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# CD Table



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# CD Table



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# CD Table



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