

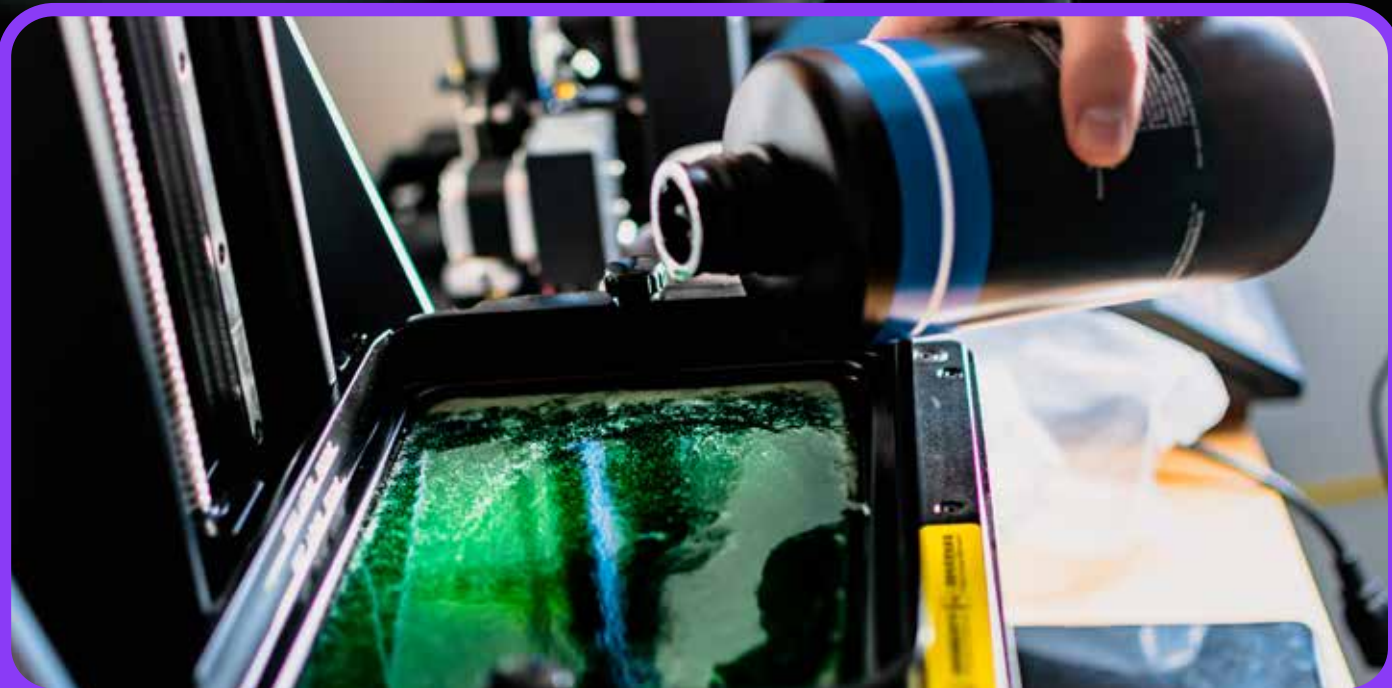


Revolutionise your business
with additive manufacturing

Optimise performance, reduce costs



Additive manufacturing is transforming industry—streamlining workflows, enhancing performance and cutting costs. Now is the time to produce moulds and custom parts faster, cheaper, lighter and more sustainably, without compromising quality.



Transform your manufacturing processes with us



Top quality and precision

High-quality, precise parts with consistent structural integrity, meeting rigorous industry standards and regulatory requirements.



Cost efficient

Parts consolidation reduces number of components, minimising failure points, maximising uptime and significantly cutting assembly time.



Fast prototyping

Produce parts on-demand and closer to the point of use-AM empowers localised production, reducing inventory costs and supply chain risks.



Reduced waste

Less waste means lower material costs, improving sustainability, minimising our environmental footprint and lower energy consumption.



Multi printer compatibility

Our resins work with DLP and SLA printers for easy and seamless integration of materials, software and processes.





Digital integration and versatility

Seamlessly link digital designs, simulations and manufacturing. Choose from a wide range of advanced materials for every application.

Perfect parts, layer by layer

Crystic AM by Scott Bader delivers a superior range of high-performance resins. Engineered for excellence in large and small scale additive manufacturing, they are ideal for marine, rail and construction, as well as for AM printing bureaus and service centres.

	Physical properties Typical properties in the table: Mechanical Testing Specimen Print Orientation - 50°			Mechanical properties and test methods							
				ISO 527-2 Type 5A			ISO 178		ISO 180 Type A	ISO 868	ISO 75-2 Method A (1.8MPa)
	Colours	ICI Viscosity / Poise at 25°C	Printer type	Tensile strength (MPa)	Tensile modulus (GPa)	Tensile elongation (%)	Flex strength (MPa)	Flex modulus (GPa)	Izod impact strength (kJ/m²)	Shore A/D Hardness	HDT°C
Crystic AM Flex H Ideal for high quality models that need to be able to perform under stress without braking. (See more flex grades below)	 Grey	12.5 Ps	LCD, DLP	8.0	29.9	175	-	-	-	90A	-
	Ask for custom colours!										
Crystic AM Flex M	 Grey	-	LCD, DLP	2.3	2.4	168	-	-	-	60A	-
Crystic AM Flex S	 Grey	-	LCD, DLP	0.7	1.3	70	-	-	-	35A	-
Crystic AM Tough Strong, stiff and resilient for ABS-like materials, with lower crack propagation, ideal for designing and prototyping.	 Grey	5.5 - 8.5	LCD, DLP	40	1.6	17	84	1.9	-	78D	60
	Ask for custom colours!										

*60 mins at 60°C + 405nm UV Post Cure for cured properties.

Different printers, consistent quality

We don't believe in 'one printer, one resin' arrangements which is why we work hard to make sure our resins work with more printers. To make this happen we're working in partnership with multiple printer manufacturers and resin distributors, such as...

UnionTech

Early to the 3D printing revolution, UnionTech are a leader in additive manufacturing technology and among the biggest in terms of market share.

uniontech3d.com



ASIGA

With their pioneering Smart Positioning System (SPSTM), Asiga achieve precise layer thickness control for optimal print accuracy and speed. Asiga's pioneering Smart Positioning System (SPS™) achieves precise layer thickness control of each and every layer, ensuring optimal print accuracy and speed.

asiga.com



3D PRINT MONKEY

Referred to as the home for resin 3D printing, 3D Print Monkey pride themselves on providing great service, from large scale industrial to the home hobbyist.



Scott Bader can help from start to finish...

Get you started from printer guidance to resin choice

Our selection of in-house printers can bring your concepts to life, from large to small scale

Training on site, so you feel confident before starting your prints

We have a dedicated technical team ready to help you with anything

Ready for the next steps?

Adhesives & Gelcoats

Give your AM parts durable and painted finish with our range of gelcoats. White or coloured Crystic Gelcoats assure good adhesion to printed surfaces requiring only mild surface preparation. Need lightweight, durable, or low-VOC solutions? Talk to us - we'll help you find and test the right option for you!



Sustainability

Achieving more environmentally friendly outcomes is a priority. We're proud of our progress in developing recyclable and bio-derived AM printing resins, including an early prototype with 70% bio content for orthodontic dental models.

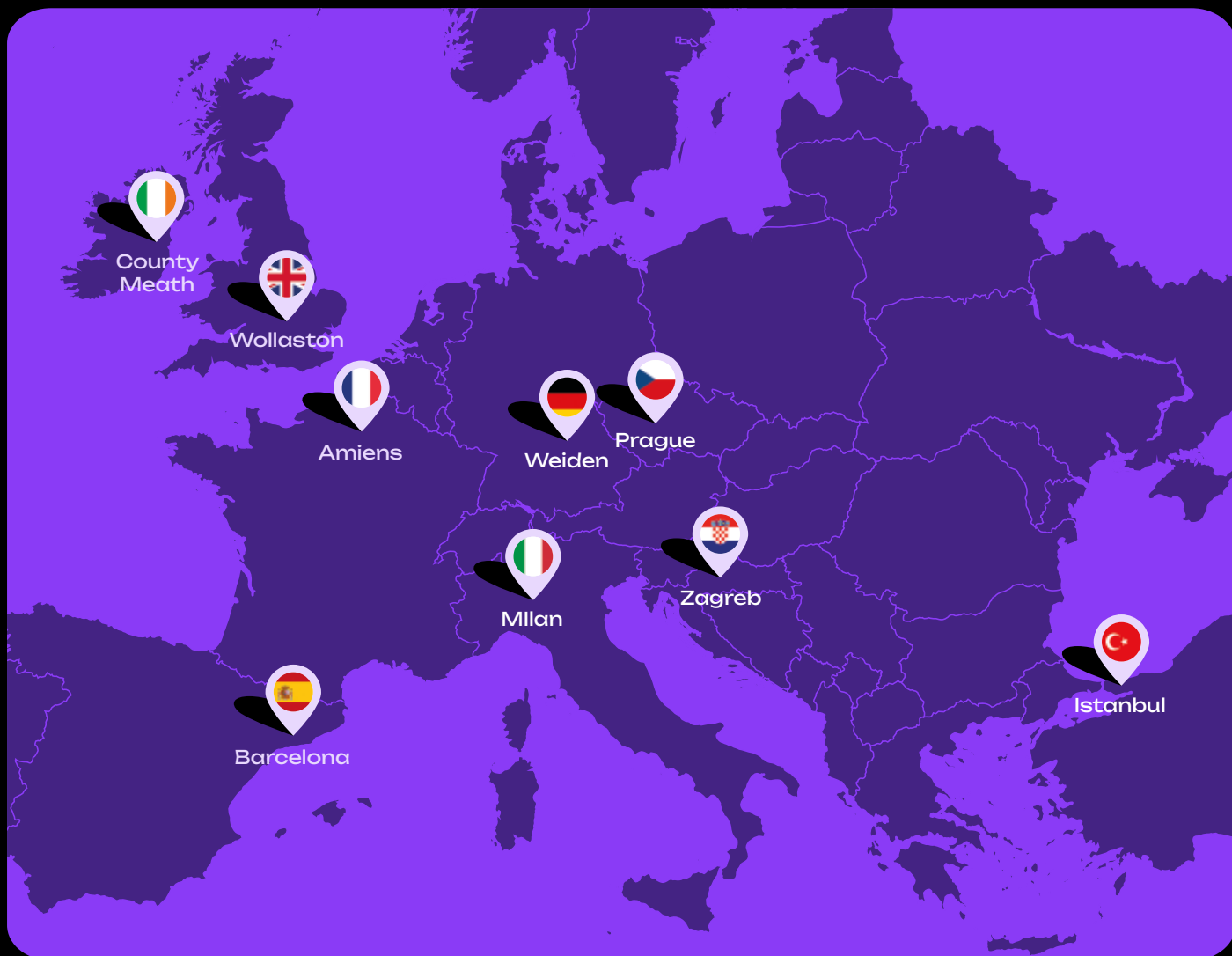


Trust our resins, rely on our support

We've been in the business for over 100 years now and are renowned for our expertise and support, wherever you are in the world. Get in touch to discuss how we can help optimise your business.



Go to scottbader.com to contact your nearest office.



INVESTORS IN PEOPLE®
We invest in people Gold

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