

The  
**EXACT**  
GROUP  
AROUND THE CLOCK AROUND THE WORLD





The Exact Group was founded in 2007 by Stephen and Marie Cromie and operates from a 72,000 sq. ft modern facility on the outskirts of Newry, County Down, Northern Ireland.

Exact has experienced significant growth since its inception and houses a state-of-the-art composite finishing suite, six paint ovens and over 70 CNC Turning and Milling machines, which operate 24 hours a day, seven days a week and 365 days a year.

Operating in two distinct areas, **Composites** and **CNC**, The Exact Group offers a range of high-quality services, primarily providing a Rapid Response (Speed Shop) service to the aircraft interiors industry.

The Exact Group has many years' experience in the precision engineering and composite finishing sectors, and coupled with cutting-edge equipment and techniques, we remain the supplier of choice for many leading global businesses operating in the aerospace, automotive, electrical, energy, marine, pharmaceutical and transport industries.



“ Part of our success is down to the Exact Group’s ability to execute Rapid Response timings on all our orders. Their fantastic team completed a rapid response quote request for 23 parts including the acceptance, programming, manufacturing, coating, inspection, dispatch from Ireland and delivery to America all within 38 hours. Now that’s what I call service. ”

“ We have been working with Exact for many years now and they are a major player in our supply chain, having had a positive impact on many areas of our business. ”

“ Exact always impresses us with the speed of their response times and high level of customer service. ”

“ Thank you for your support. The Exact Group’s team has ensured that we can get our production back online. This process was made easy by the helpful attitude and can do approach. Nothing was too difficult and with a timely response at all times we are very thankful indeed. ”



## Industries

With an ever-expanding and varied customer base, coupled with existing long-term patrons, the Exact Group has the expertise to take your concept right through to production and delivery, in record time, regardless of size.

The Exact Group can accommodate the requirements of a wide range of domestic and international industry sectors including:

- Aerospace and Defence
- Automotive
- Power
- Marine
- Medical and Pharma
- Agriculture



# Cerakote Finishings

## The Exact Group – Proud to be a Certified Applicator of Cerakote

Cerakote is the world leader in thin film ceramic infused coating technology – a specialised protective ceramic coating that can be applied to multiple substrates including ferrous and non-ferrous metals, alloys, polymers, composites, wood and plastics.

Cerakote's single layer coating system, only 20-50 microns in thickness, is composed of a polymer-ceramic compound, which replaces multi-layer paint and powder coating systems. It offers ultra-light weight coverage and protection, and provides a thermal barrier and heat dissipation.

Available in over 200 colours, with the ability to colour match to customer requirements, Cerakote can be used in industries ranging from automotive to aerospace and from consumer to defence.

### The highest performing ceramic coating on the market, Cerakote offers:

- Unmatched abrasion resistance withstanding impact, scratch and gouging better than other coating systems.
- High temperature, corrosion protection coatings that withstand temperatures of up to 1000 degree celsius without spalling, cracking or flaking
- Superior chemical resistance to hydraulic fluids, fuels, solvents, acids, de-icing products and commercial strength disinfectants
- UV Stability protecting substrates from oxidation and degradation
- Alternatives for plating and pre-treatments replacing anodising and nickel plating, and eliminating the need and expense of primers

“ We are excited to announce that we have fully trained the Exact Group and welcomed them into our Certified Cerakote Applicator Network. The training was completed by the Exact Group's skilled painters at its facility in Newry, Northern Ireland, which is optimising application techniques and adjusting skills sets to really get the best of our Cerakote. ”

- Nemo Reeve, Development Manager, Cerakote UK

### Cerakote is an industry performance leader against:

- Salt Spray Corrosion – ASTM B117
- Abrasion Test – ASTM D4060
- Chemical Resistance - 24hr Submersion Test
- Hardness - ASTM D3363
- Adhesion - ASTM D3359
- Durability
- Impact Resistance – ASTM D2794
- 45° Flammability - 14 CFR 25.853(a)
- Toxicity – Boeing BSS7239 A
- Smoke Density – AITM 2.0007B

Have a look how Cerakote compares to its competitors below:

	Cerakote H Series	Powder Coat	Solvent Based Paint	Water Based Paint
Impact Test ASTM D2794	100	87	20	63
Adhesion Test ASTM D3359	100	96	9	77
Chemical Resistance	100	40	20	20
Hardness Test ASTM D3363	100	78	36	54
Salt Spray ASTM B117	100	66	34	34
Smoke density testing	0% light obscuration	20% light obscuration	75% light obscuration	50% light obscuration



# Services

The Exact Group has a range of services to suit your needs.

## Composite Prep

We have two large prep facilities in-house with a total of 30 work stations in each. This facility is manned 24 hours a day. We specialise in both large volume contracts and also rapid response niche short run projects for trade shows and prototypes etc.

## Composite Finishing

With six ovens and two dedicated hot-boxes we have the facilities and paint-specialists to deliver high-end paint finishes to First Class seating and interior aerospace composite parts, as well as automotive and luxury leisure sectors. We can supply all finishes from textured to pearlescent to a variety of gloss levels using water-based or solvent-based aerospace approved coatings.

## CNC Milling

Exact can manufacture your part in the most cost-effective and timely fashion using our expansive and ever-increasing range of machinery. This includes 3 and 5 axis machines with some of the largest bed sizes and spindle speeds within our industry.

## CNC Turning Service

Our state-of-the-art selection of multi-axis (up to 9 axis) turning centres, bar capacities and automated-bar feeds ensure we have the perfect machine for all eventualities. From a one-off to thousands of components, we have the capabilities for every requirement.

## Metal Stock Holding and Cutting

We now stock a wide range of aerospace metals, combined with our in-house cutting facility which reduces lead times by days.

## Inserting Suite

The Exact Group inserts components to the customers' requirements in-house ensuring quality and delivery every time. We stock a wide range of aircraft specified inserts and all necessary equipment to install these.

## 3D Scanning and CMM

Our 3D quality scanning system is continuously updated with state-of-the-art software and hardware to enable us to check parts and produce reports with accuracies, not generally achievable using standard methods. Our high-performance CNC coordinate measuring

machine (CMM) also supports manufacturing operations and allows them to meet global standards for key products.

## Chemical Coating

Clear Chemical Treatment Facility. We can carry out clear chemical coating on site, which negates reliance on outside contractors and enables us to process parts 24/7.

## Powder Coating

Exact has in-house powder coating facilities enabling us to complete parts under the most stringent of time scales and ensure quality meets the customers' expectations.

## Anodising

We carry out anodising onsite. It increases corrosion resistance and wear resistance, and provides better adhesion for paint primers and glues than bare metal.

## Aircraft Assemblies

Our assemblies and kitting service extends from minor sub-assembly work to more complex higher level sub-assembly and kitting solutions.

# Global Delivery Performance



# Accreditations

The Exact Group is committed to ensuring the highest standards of quality at all times, which is why we invested in our 'Quality Approach'.

Exact achieves world class standards, driven by robust Quality Management Systems in every service we provide.

To date, we have achieved the following Quality Standards:



Collins Aerospace has shown their confidence in Exact by sponsoring us on the path to SC21.

We pride ourselves on our commitment to process excellence. This has contributed significantly to The Exact Group becoming an active participant in the SC21 competitive programme, achieving SC21 Silver on first entry to the programme, being the only company to do so in Ireland.

# Customers

The Exact Group is proud to serve the global aerospace and non-aerospace market, working with a number of world leading clients that include:





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