

RYBKA

EDINBURGH

GLASGOW

INVERNESS

LONDON

Bringing buildings to life

rybka.co.uk

Rethinking what's possible

Delivering solutions that inspire since 1933

With sustainability at the core of all we do, we have an enviable track record in delivering low-carbon, cost-effective engineering solutions that optimise building functionality, deliver on efficiency, and create healthy environments to live, work and play.

A trusted provider of building engineering services for projects across the built environment, through continued investment, our solutions include state-of-the-art digital construction (BIM) as well as building physics.

And of course, our people are absolutely fundamental to our success. Through our culture of continued development and training, our team of highly skilled engineers, consultants, and technicians are able to develop solutions that meet latest regulations and requirements, working with passion and expertise to exceed client expectations.

In 2024 we realised our ambition of growth by becoming part of BRUSH Group, a leading provider of engineering solutions and manufacturer of engineered products, with a legacy dating back some 150 years. Along with supporting our growth into other areas of the UK, as part of BRUSH Group we now have access to an even greater range of skills, services and solutions.

Our locations

EDINBURGH GLASGOW INVERNESS LONDON

A history to be proud of...

1933

Dr Karl Rybka establishes Rybka Smith Ginsler in Toronto, Canada.

1969

Trading as Rybka Smith Ginsler and Battle, a new office opens in London.

1989

Now named Rybka Battle, the company moves into Scotland with offices in Edinburgh, Glasgow and Inverness.

2000

The company rebrands as 'Rybka' with a renewed focus on Scottish infrastructure.

2006

Rybka-s is founded with the aim of providing dedicated sustainability services.

2019

The business looks to the future and invests in building physics and digital construction technology.

2024

Eager for growth, Rybka becomes part of BRUSH Group and focuses on increasing its UK market share.

2025

A flagship base in London opens with a dedicated in-house team.

For spaces that do more...

Our range of holistic building design, engineering, and consultancy services provide the balance between efficiency, functionality, and sustainability. Specialising in mechanical and electrical engineering, sustainable energy, and smart building technologies, we ensure every project is both cost-effective and eco-friendly.

Building services

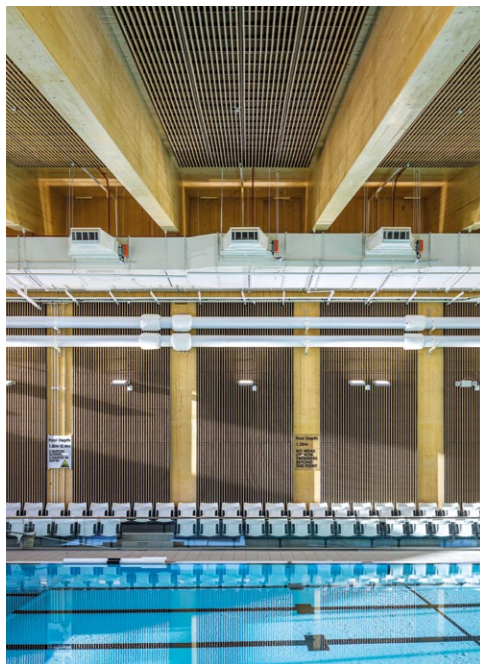
Operating at the forefront of modern building services design, we offer:

- Mechanical engineering
- Electrical engineering
- Public health design
- Performance specifications
- UK building regulation compliance
- Passivhaus Solutions
- Building physics analysis
- Low & zero carbon energy building design
- Post-occupancy evaluation
- WiredScore AP

Sustainability services

From compliance statements to fully tailored rating methodologies, our team of licensed and accredited professionals support clients through every stage of their sustainability journey. Solutions include:

- BREEAM – new construction, refurbishment & fit-out, and in-use
- Home quality mark
- Bespoke sustainability rating methodologies
- Lifecycle assessments, including embodied carbon
- Passivhaus Experience
- Section 7 sustainability guidance
- Net-zero public sector building standard (NZPSBS) consultancy
- UK Net Zero Carbon Buildings Standard Consultancy
- Sustainability and net-zero master planning & feasibility consultancy



In addition to new build projects, the team are experts in finding retrofit solutions that support decarbonisation, such as electrification upgrades to heating systems to drive operation carbon savings when compared to traditional heating solutions.

Building physics

Our specialised building physics team focuses on creating low- and net-zero energy buildings. Our licensed energy assessors offer detailed, insightful modelling and analysis of design proposals, ensuring a complete understanding of building performance and its impact on sustainability, including:

- LNZC – low and net zero carbon options appraisal
- Thermal simulations – CIBSE TM52, BB101, SHTM, and CIBSE Guide A
- Daylight analysis – climate-based daylight modelling, ADF, and solar exposure analysis
- Energy modelling – CIBSE TM54 predicted operational energy modelling and SFT LEIP energy modelling
- Building regulation compliance – section 6 (Scotland) and part L (England) checks, solar gain criterion 3 analysis, and energy performance certificates (EPC)
- DLSL – BRE daylight and sunlight analyses for planning applications
- Passivhaus – modelling for Passivhaus-standard buildings
- Future climate scenarios – CIBSE TM55 design for future climate Modelling on thermal comfort and energy

Digital solutions

Data-rich Building Information Modelling (BIM) models that optimise project efficiency, reduce waste, and enhance collaboration. Features include:

- Design
- Facilities management
- Cutting-edge software to ensure accurate, timely information delivery, streamlining workflows and identifying potential issues early
- MEP BIM Delivery to Level 2
- Information management
- Federated Model Hosting
- Content creation
- Clash detection
- Timelining (4D)
- 2D/3D CAD
- Common Data Environment (CDE) hosting and management



Where vision meets delivery...

Woodmill & St Columba's, Dunfermline

£100M+

Europe's largest Passivhaus education project, seamlessly integrating Fife College's Dunfermline Campus with Woodmill High and St. Columba's High School. Designed with sustainability at its core, the community facility features advanced ASHP heating systems and extensive photovoltaic areas, ensuring full compliance with Passivhaus standards and the Learning Estate Investment Programme (LEIP).



Jenners, Edinburgh

£ undisclosed

The Jenners building in Edinburgh is undergoing a transformative four-year restoration, repurposing 10,000m² of previously unused space across its six stories into a refined hotel destination, including the restoration of the iconic Victorian façade to its original elegance.



Village Hotels, various locations

£ undisclosed

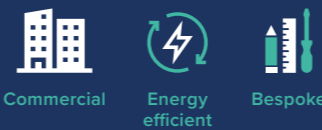
Mechanical and electrical engineering services for a series of Village Hotel projects across the UK. The solution included integrating BREEAM assessments into both the design and construction processes. Following a period of occupation, in-use BREEAM ratings were established to maintain and enhance the sustainability of the group's portfolio.



Semple Street, Edinburgh

£12M

Situated in Edinburgh's distinguished Exchange district, this development comprises 45,000 sqft of premium Grade 'A' office space, complemented by ground-floor retail units. Designed with a focus on sustainability, flexibility, and operational efficiency, the project proudly achieves a BREEAM 'Very Good' rating. We expertly designed the fit-out of two bespoke suites to cater to the distinct needs of its future occupants.



Blairgowrie Recreation Centre, Blairgowrie

£15M

A state-of-the-art recreation centre for Perth & Kinross Council delivered in line with our commitment to sustainable design. Developed in accordance with Passivhaus principles, the concept fully aligned with the strategic requirements of the PHPH assessment method, resulting in exceptional energy efficiency and performance.



More to explore:



RYBKA

rybka.co.uk

T: +44 131 228 8446

EDINBURGH

GLASGOW

INVERNESS

LONDON

