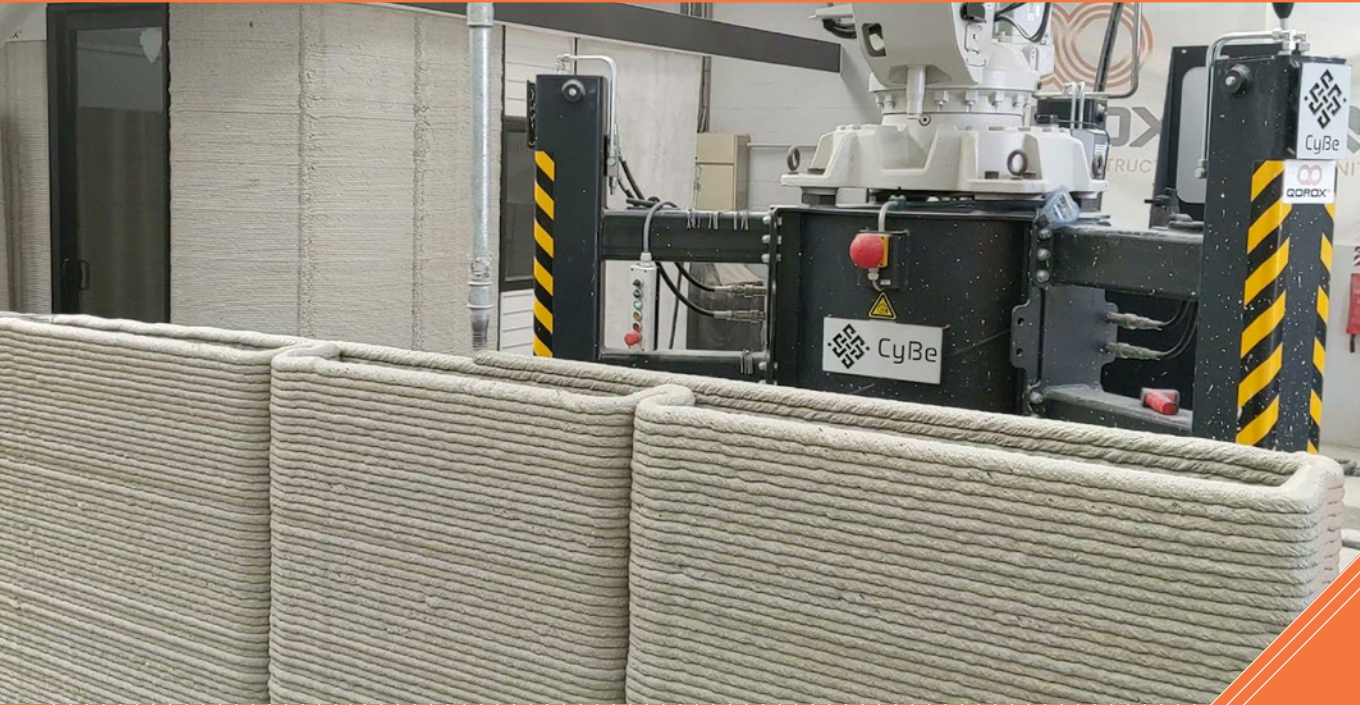




QOROX
REGIONAL PARTNER

3D printed concrete technology

A better way to build.



QOROX offers a variety of efficient, quick, sustainable and affordable solutions for the construction industry, landscaping and civil projects.

- ✓ Residential + Commercial
- ✓ Industrial + Civil
- ✓ Landscape + Streetscape

THE QOROX JOURNEY

The QOROX story began with one man and a plan to create a sustainable, innovative and flexible way to build.

With 20 years' experience in the construction industry as a project manager in Dubai, China and New Zealand, Wafaey Swelim led several remarkable, complex construction projects including a F1 track in Abu Dhabi, Ritz Carlton Hotel and Caterpillar MENA HQ & Logistics Centre, DHL, Adidas and Wal-Mart and the largest lab and cardboard factories in New Zealand.

Throughout his construction years, Swelim saw a huge opportunity to streamline processes and developed a passion for innovative construction technology solutions. After seeing 3D printed concrete technology in action in the Netherlands, Swelim firmly believed 3D printed technology would revolutionise the construction industry, solve supply chain bottle necks and increase productivity.

In 2018, Swelim pursued this passion for 3D printed concrete technology and created XD Innovations, the research and development division to further investigate its applications. QOROX launched in 2020 after 2 ½ years of R&D, design work, testing and product development both in NZ and the Netherlands, and received their first contract with Hamilton City Council to deliver new riverside seats as part of a street furniture project.

Milestones

- 2022 NZILA 2022 Awards for Street Furniture+ Landscaping projects – Auckland Council
 - Best retail outfit using 3D furniture – Wonder Group
 - First commercial building with 3D printed walls
 - First house with 3D printed walls – March
 - Largest 3D printed stormwater collection system in the world – Brymer Heights development

QOROX is the first 3D printed concrete technology company to enter the New Zealand market and is leading the way in construction innovation technology.

Be a part of our journey.

INTRODUCING A BETTER WAY TO BUILD

QOROX's building systems and processes are setting a new standard for building quality, efficiency, effectiveness, and adaptability which dramatically reduces construction timeframes.

<p>75% FASTER</p> <p>than traditional methods</p>	<p>70%</p> <p>less waste</p>	<p>40% less CO² emissions</p>	<p>ONE WEEK</p> <p>average 3-bed house wall build</p>
<p>Print speeds up to 0.5m per second</p>	<p>40Mpa concrete</p>	<p>Waterproof</p>	<p>Fire-rated</p>
<p>Exceeds seismic standards by almost 10x</p>	<p>80% NZ made material</p>	<p>Acoustic rating STC 55</p>	

PROVEN FOR NEW ZEALAND CONDITIONS

Through two years of research, testing and development, QOROX's innovative 3D printed concrete technology is proven for New Zealand conditions:



- ✓ BRANZ appraised as a replacement for masonry walls or concrete walls, providing a locally sourced, efficient alternative.
- ✓ QOROX walls are fire-rated, waterproof and seismic-rated to withstand New Zealand conditions.
- ✓ The walls achieve the required acoustic performance for multi storey buildings and townhouses, creating a comfortable atmosphere across residential homes and commercial construction.



REGIONAL PARTNER NETWORK

Be a part of QOROX's journey, become a regional partner and print your future.

Following 2 ½ years of research and development, QOROX is bringing 3D printed concrete to New Zealand shores. We are in the process of expanding our innovative construction technology network across the country and are currently seeking expressions of interest for Regional Partners.

Our ideal Regional Partner is:

- ✓ Already established in the residential, commercial and/or civil construction sector.
- ✓ Ready to learn and adopt innovative construction technologies.
- ✓ Motivated to create a better future for you and your clients.

As a regional partner you will be a part of the QOROX community, with inspiration and design sharing amongst the regional partners.

Features + Benefits

We're dedicated to developing our regional partners for success by providing the tools, training and support you need.

Once the team at QOROX has determined which type of 3D printer is best suited to your workload, we will also provide:

- ✓ Access to our ever-growing database of designs.
- ✓ Access to our growing pipeline of QOROX key national clients.
- ✓ Factory-tested setup and design of your printer.
- ✓ Ongoing training and support.

Regional Partners' have total autonomy and control over their projects, with QOROX supplying the product and means to get them there.

This is not a franchise opportunity. We will not be taking fees from you.

Training

- ✓ Onsite training with your printer of up to 2 weeks.
- ✓ Trainer courses to teach the teacher.

Ongoing Support

- ✓ Two 6-monthly support check-ins the first year.
- ✓ Annual check-ins furthermore.

You'll also receive a full catalogue of consumables at wholesale prices to keep you printing as much as you can manage.

Finance Options

Regional Partners will have the option to lease or purchase the CyBe printer to complete your projects. Please contact our Business Development Manager on +64 27 696 4977 for details.

Branding support

Regional Partners will receive the complete QOROX branding package including the QOROX regional partner logos, social media, and marketing tiles.

Supplier information

QOROX is your one stop shop for all 3D concrete printing supplies, including 3D printer servicing, maintenance, accessories, products and substrate.

We strongly believe 3D printing is going to revolutionise the construction industry and we want committed partners to work alongside us.





CASE STUDY

Residential Build | Huia Passive Solar House | Craft Homes Ltd

QOROX were engaged by Craft Homes Limited to provide a solution to replace masonry blocks for the construction of a solar Passive home, overlooking the magnificent Manukau Heads in Auckland.

The Huia Passive Solar Home utilises 3D printed concrete to achieve seamlessly curved walls featuring a printed weave pattern, at a similar cost to the original masonry design.

The use of 3D printed technology on this project elevated the Huia home to world-leading status, as the first solar passive home across the globe to incorporate 3D concrete printing.

3D printed concrete allows the design to be incorporated right onto the wall, developing a unique, custom element to reflect the customer's tastes.

"This is an innovative product that has the benefits of fabrication off site. This in turn has benefits on site in terms of construction time."

"Our Passive Solar home project in Huia, Auckland was one of the first in NZ to use 3D printed concrete block walls. The design of the home called for curved concrete block walls, which suited this method of construction really well. QOROX were great communicators throughout and we worked through any issues that arose."

Nick Greer, Craft Homes Ltd

EXPRESSIONS OF INTEREST



If you are interested in starting your QOROX Regional Partner journey, please visit this link for more information.

Business Development Manager – Nick Lane

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CASE STUDY

Commercial | Daycare Iconic Construction Ltd

Our first Regional Partner, Iconic Construction is an award-winning builder based in Hamilton, servicing the Waikato region.

Driven to create unique, awe-inspiring building projects in the Waikato, the Iconic team is committed to providing the best possible outcomes for their clients, with good thinking, good people, good progress and good vibes.

Iconic approached QOROX prior to embarking on building a new childcare facility in Hamilton. Originally designed with pre-cast concrete panels in mind, Iconic saw the benefits of 3D printed concrete after visiting the QOROX showroom, and the design was ultimately updated as a result.

The manufacture, delivery and installation of the 3D printed concrete slabs took a total of 5 days for a grand total of 150m² of panels. The panels were placed onto a finished slab which required no strip footings or ground anchors, with the use of a Hiab only.

“It’s an amazingly fast product. From bags of material one morning, to being delivered onsite as a constructed panel the next day is outstanding and exactly what the future of construction calls for.”

Nick Lane, Director - Iconic Construction

Iconic Construction have seen the benefits of 3D printed concrete technology and we are excited to have them on board as a Regional Partner.



OUR NETWORK

Our Regional Partner Network is made up of the following regions throughout New Zealand, giving you full autonomy over QOROX 3D printed concrete walls in your selected region.

As part of our national network, you'll be connected with the right advice, supplies, designs and training to set you up for success.





WANT TO KNOW MORE?

Let's talk.

info@qorox.co.nz

www.qorox.co.nz