

**MyArch Group**

# **BEBO Arch**

**Your Eco-Friendly Segmental Arch Solution**

## **MYARCH SDN BHD**

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# Introduction

Step into a realm of transformation, where innovation seamlessly intertwines with experience, and global expertise harmonizes with cherished local values. The partnership between **MyArch Group** and **BEBO Arch International AG** is set to redefine Malaysia's construction landscape, sparking inspiration and paving the way for remarkable changes.

At the heart of this collaboration lies the fusion of two industry powerhouses – **MyArch Group**, now officially recognized as **BEBO Arch International AG's** partner in Malaysia, renowned for its unwavering dedication to quality, innovation, and community well-being, and **BEBO Arch International AG**, a global icon acclaimed for its revolutionary Bebo Arch Solutions, which have set new benchmarks in engineering excellence and sustainable design.

Yet, this partnership is more than a mere alliance; it's a meeting of minds. **MyArch Group** contributes unparalleled technical excellence, while **BEBO Arch International AG's** legacy in the realm of **BEBO Arch Solutions** stands as a testament to its transformative impact on the world's segmental arch bridge marvels. Together, we usher in an era of transformative infrastructure development, one that pays homage to Malaysia's unique identity and aspirations.

As we embark on this journey together, every step will echo with Malaysia's deeply rooted values. Our collaboration symbolizes empowerment, connectivity, and an enhanced quality of life – values that resonate profoundly with Malaysia's vibrant culture and spirit.

Get ready for the introduction of **BEBO Arch Segmental Solutions**, where innovation seamlessly merges with sustainability, fortified by **BEBO Arch International AG's** unwavering reputation for reliability. These structures won't just stand as feats of engineering; they'll also contribute significantly to preserving Malaysia's precious natural legacy.

But this isn't just a partnership; it's an open invitation for Malaysia to join hands with us, co-creating a sustainable future that encapsulates the very essence of the region. Together, let's forge a path toward a community-centric tomorrow, where innovation and a deep respect for heritage converge in the most extraordinary ways.

# Transforming Bridge Engineering: **MyArch & BEBO International AG** Introduce **BEBO Arch Solution**



In the 1960s, the foundation for the modern segmental concrete arch bridge was laid by the pioneering work of Swiss engineer **Dr. Werner Heierli**. His visionary ideas set the stage for what would become the innovative **BEBO Arch** bridge system. This system ingeniously capitalizes on the interplay between soil and structure, while harmonizing the arch's geometry with its surrounding environment. With the strategic use of precast concrete materials, it achieves an aesthetically pleasing form that's a paragon of stability and strength.

Amid the dynamic energy of Zurich, Switzerland, stands **BEBO Arch International AG**, a trailblazer in innovation. Collaborating seamlessly with the visionary minds of **MyArch Group**, this partnership heralds the emergence of a new era in infrastructure. At the core of this movement is the revolutionary **BEBO Arch System**.

Inspired by "Beton Bogen," the German term for Concrete Arch, the **BEBO Arch** transcends mere physicality. It embodies a fusion of strength and artistry. Born in Zurich, this precast concrete marvel has transcended boundaries, becoming a universal symbol of unyielding reliability and progressive construction principles.

Step into a world that challenges norms, where architectural brilliance converges seamlessly with structural mastery. Bear witness to innovation personified—the **BEBO Arch**—an homage to the brilliance of **BEBO Arch International AG**, in partnership with **MyArch Group**.



# BEBO Arch: Revolutionizing Bridge Innovation

## BEBO Arch – A Bridge Industrial Building System

The **BEBO Arch** is changing the way we construct bridge structures. It's designed in segments and produced in factories to ensure quality control, minimize environmental impact, and enhance human resource efficiency, all contributing to a more sustainable construction future.



## BEBO Arch: A Cost-Effective Solution

The **BEBO Arch** is an epitome of efficiency, significantly cutting on-site work and uncertainties tied to site conditions. This innovative system streamlines construction, reinforcing cost control and efficiency. By minimizing on-site factors, it guarantees cost-effectiveness and improved time management, making it the preferred option for projects that require precise cost and time control.

## BEBO Arch: A Solution with Minimal Maintenance

Engineered by **BEBO Arch International AG**, the **BEBO Arch**'s enduring design and sturdy materials eliminate the need for frequent replacements, including items like rubber bearings and expansion joints. With high-quality concrete capable of lasting over 100 years, the **BEBO Arch** guarantees both longevity and significant cost savings.



# Tailored BEBO Arch Solutions for You

At the core of our approach lies the collaboration between **MyArch Group** and **BEBO Arch International AG**, where ingenuity meets innovation. Our ability to create distinct solutions stems from the diverse designs of segmental arches we offer. We don't merely sell products; we provide solutions, honed to meet your unique requirements.



Type	Profile	Span (m)	Height (m)	Width (m)	Weight (t)
Single Leaf	E42	12.8	4.0	1.2	12.1
Twin Leaf	E54	16.5	6.1	1.8	16.5
	E60	18.3	6.7	1.2	14.1
	E72	21.9	7.9	1.2	19.1
	E84	25.6	9.1	1.2	24.9
	C36	11.3	6.2	1.8	12.2
	C54	16.8	8.0	1.8	19.6

Note: For any additional inquiries or specific requirements, please don't hesitate to get in touch with a representative from MyArch Group. We take pride in our ability to customize solutions to meet unique needs, building upon the offerings mentioned above. Your vision is our priority, and we're here to craft tailored solutions that match your project's demands.



Disclaimer: Bebo Arch is a proprietary system developed by Bebo Arch International AG, subject to specific terms and conditions regarding its usage and implementation. The information provided above is accurate to the best of our knowledge and understanding at the time of writing. However, it's important to recognize that the accuracy, completeness, and relevance of this information may be subject to changes due to unforeseen circumstances, developments, or factors beyond our control and initial expectations.



# Application

Introducing the **BEBO Arch Solution** – a revolution in infrastructure. Enhancing roads, highways, waterways, and more, it's innovation, sustainability, and reliability in one. Join us in shaping the future with **BEBO Arch**.



## Road & Highway Waterway Crossing

The **BEBO Arch Solution** is revolutionizing roads, highways, and waterway crossings with its innovative design and engineering, offering a unique blend of strength, aesthetics, and functionality tailored specifically for these applications.



## Underpass & Overpass

Transforming underpass and overpass applications, the **BEBO Arch** Solution introduces an innovative design and engineering approach that seamlessly integrates strength, aesthetics, and functionality, uniquely customized for these specific uses.



## Underground Structure

Beneath the surface, **BEBO Arch** Solutions redefine subterranean structures with rapid construction, minimal maintenance, and robust strength. These adaptations seamlessly blend form and function for storage and more, embodying advanced engineering and architectural efficiency.

# OUR EXPERT

## GREAT TEAMWORK



### Ir. HAJI HASMI BIN AHMAD

Meet Ir. Haji Hasmi Bin Ahmad, a seasoned civil engineer whose extensive involvement in Malaysia's highway construction landscape, notably within the Public Works Department's highway division, has left an enduring legacy. His hands-on experience, unwavering dedication, and pivotal role from planning to execution have indelibly shaped the nation's highway construction. His reputation is synonymous with excellence, encapsulating his profound impact on Malaysia's highway development.



### GIAN NICK

Gian Nick, the accomplished Managing Director of Bebo International AG, blends 20+ years of global Bebo Arch design experience with a Master's Degree in Civil Engineering. His commitment to innovation and sustainable design has reshaped segmental arch bridge engineering, leaving an indelible mark on iconic projects worldwide.



### ROMAN ARN

Roman Arn, the visionary Technical Director of Bebo International AG, driving the forefront of Bebo Arch innovation. With a rich background in engineering and a deep understanding of the intricacies of segmental arch bridge design, Roman Arn is shaping a new era of sustainable and transformative infrastructure.

# Thank You

We'd love to hear from you! Whether you have a question about our products, want to collaborate with us, or just want to say hello, please don't hesitate to reach out. Fill out the contact form below and we'll get back to you as soon as possible. Thank you for your interest in Bebo Arch Solution.

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