

Revolutionary Baytec®SPR Membrane from Taiwan Hydroseal Demonstrates 20 Years of Excellence and Innovation

TAIWAN, TAIWAN, R.O.C., June 2, 2024 /EINPresswire.com/ -- Hydroseal Enterprise Co., Ltd. announces a groundbreaking achievement in the waterproofing industry with its Baytec®SPR waterproof membrane, which has been proven to provide at least 20 years of leakage-free performance. This milestone underscores the product's exceptional durability and reliability, redefining industry standards for long-term waterproofing solutions.

Baytec®SPR Waterproof Membrane: Sustained Integrity Over 20 Years

Hydroseal's Baytec®SPR waterproof membrane has been extensively validated through real-world applications over the past two decades. Rigorous testing and on-site evaluations confirm that Baytec®SPR maintains its integrity and functionality even after 20 years, with projections suggesting a potential lifespan of up to 40 years based on the aging curve of reactive polyurethane elastomers.

A Strategic Partnership for Superior Quality

Hydroseal's success with Baytec®SPR is bolstered by a 20-year collaboration with Germany's Covestro (formerly Bayer Material Science). This partnership has enabled the development of a



unique waterproofing system tailored to withstand the challenging subtropical climate of Taiwan, characterized by high humidity, frequent rain, extreme temperatures, and seismic activity.

Major Projects and Global Reach

Baytec®SPR has been employed in several high-profile infrastructure projects across Asia, demonstrating its versatility and robustness.

Notable projects include:

- Taiwan High-Speed Rail
- Harbin-Dalian High-Speed Rail in China
- Singapore's Underwater Tunnels and Metro
- Singapore's Eco-Link Bridge
- Macau Light Rail C-360

Prominent hotels such as the Taipei Marriott Hotel, Taichung Hoshinoya Hotel, and Singapore's Shangri-La Hotel have also adopted Baytec®SPR for their waterproofing needs, further cementing its reputation for excellence.

Celebrating 20 Years of Excellence

In 2024, Hydroseal hosted the "Taiwan Hydroseal Baytec®SPR 20-Year Sampling Witness Conference," attracting industry leaders and experts. During this event, third-party laboratories conducted thorough on-site testing and sampling, verifying that Baytec®SPR continues to deliver outstanding waterproofing performance, tensile strength, crack resistance, and concrete protection despite two decades of environmental challenges. These findings underscore Baytec®SPR's ability to exceed a lifespan of 30 years, with an anticipated durability of over 40 years.

Innovative Application: Protecting Art and Infrastructure

Hydroseal has also pioneered the application of its waterproofing technology in art protection. In May 2024, the company unveiled the "Taiwan Hydroseal Baytec®SPR Rain Museum" in Taipei. This unique exhibition placed artworks under heavy rain for over 36 hours, demonstrating Baytec®SPR's exceptional waterproofing capabilities. The event, attended by distinguished guests and industry professionals, concluded with all artworks remaining completely unharmed,



showcasing the membrane's effectiveness even in extreme conditions.

A Legacy of Quality and Craftsmanship

Hydroseal's chairwoman, Jennifer Tseng, expressed confidence in the company's engineering quality, stating, "Baytec®SPR can protect the most delicate artworks. We invite everyone to entrust their bridges, factories, and residential buildings' waterproofing to Taiwan Hydroseal." Co-founder and general manager Thomas Yang emphasized the brand's commitment to craftsmanship and durability, ensuring that their waterproofing solutions stand the test of time.

About Hydroseal Enterprise Co., Ltd.

Hydroseal Enterprise Co., Ltd., based in Taipei, Taiwan, is a leading provider of innovative waterproofing solutions. With a commitment to quality and sustainability, Hydroseal develops and manufactures advanced waterproofing products designed to protect and preserve structures worldwide.

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