



realzinc™

RAISING THE BAR IN HIGH-RISE CONSTRUCTIONS

TAILORED FOR HIGH-RISE FLOOR DECKING

As urban landscapes continue to evolve, high-rise buildings have become integral to accommodating the growing population and fulfilling their diverse needs. These architectural marvels, reaching unprecedented heights, require meticulous planning and innovative materials to ensure safety and sustainability. In this realm, realzinc™ has emerged as a standout choice for high-rise construction, offering a multitude of advantages that set it apart from traditional materials.

realzinc™, a galvanised steel with a pure zinc hot-dipped coating, has garnered significant attention in recent years for its exceptional performance in high-rise building projects. Its strength, durability, and resistance to the elements make it an ideal choice for floor decking structures that bear the weight and pressure of multiple floors.

One of realzinc™'s standout qualities lies in its ability to self-heal. In the event of scratches or damage, the exposed surface reacts with air and water, forming a protective layer of zinc carbonate. This natural barrier halts further corrosion and safeguards the structural integrity of the building, ensuring its longevity.

However, it is the eco-friendliness of realzinc™ that truly distinguishes it as a forward-thinking material for high-rise constructions. Composed of 100% recyclable materials, realzinc™ aligns with sustainability goals, reducing the environmental footprint associated with construction projects. Architects and builders now have the opportunity to create towering structures that are not only visually stunning but also contribute to a greener future.

Moreover, realzinc™ exhibits excellent fire-resistant properties, making it a safe choice for high-rise buildings. With the ability to withstand temperatures of up to 210°C without melting or cracking, this galvanised steel offers peace of mind, assuring the safety of occupants in the event of a fire.

By utilising realzinc™, architects and builders gain access to a superior material that elevates the standards of high-rise construction. Its remarkable strength, durability, corrosion resistance, and self-healing capabilities make it an optimal choice for creating structures that stand the test of time. Additionally, its eco-friendliness aligns with the increasing demand for sustainable solutions in the modern world.

realzinc™ has redefined the possibilities in high-rise construction, offering architects and engineers an innovative material that ensures both structural integrity and environmental consciousness. With its many advantages, this galvanised steel stands tall, paving the way for a new era of high-rise buildings prioritising safety, durability, and sustainability.

