

A matter of Seconds: VIP Polyurea A Revolution in Coating Technology

Unique coating technology takes over Epoxy, Polyurethane and GRP markets

The coatings industry has come a long way from brushes and buckets to arrive at revolutionary polymer resins. Polyurea is the magic word for newly developed innovative two-part polymer and a dramatic advancement to polyurethanes with extremely fast gel-times, VOC-free coating, 100% solids and many outstanding features making the big difference. Excellent mechanical properties and high resistance to chemicals make polyurea a most universal product for various applications in all industries and handicrafts. Insensitive to atmospheric moisture and fluctuation of temperatures combined with superb adhesion and fast cure, polyurea creates a highly resistant, durable coating to almost any surface. Practically this means little or no down time during repair work or newly applied coatings even when working under adverse external weather conditions. *Quick spray industrial pure polyurea* outshines epoxies or polyurethanes in properties like elongation, tensile strength, abrasion resistance, thermal resistance & chemical resistance.

VIP (Voelkel Industrial Products) GmbH present for many years in Munich, Germany and Dubai (UAE) has been one of leading suppliers of these two-part adhesives to coatings industry. VIP is convinced that with the new Polyurea considering existing level of quality and potential for innovation, new benchmarks will



***There is no easier,
faster or better
way to coat or
repair any surface
other than with
polyurea, says
Alexander Voelkel,
Managing
Director, VIP***

be set in coatings industry. According to their motto, "speed is no witchcraft", *Pure polyurea quick spray* is applied to concrete, metal, foam or plastics by using high pressure plural component spray units. Within seconds it builds a "vinyl like" elastic skin which resists punctual tears is high-impact resistant even in extremely abrasive environment. The coating for protection against corrosion has excellent resistance to heat distortion and sagging by maintaining its flexibility and shape. No fumes or emissions are associated with polyurea which even makes it ideal for applications in foods and beverages industry. Polyurea has a proven track record in water and wastewater industry



for sewage / effluent treatment plants as polyurea coatings are resistant to hydrogen sulphide gases. Potable water approved formulations can be applied on potable water storage tanks and pipeline. Polyurea are also widely applied in oil & gas, petrochemical and waterproofing industry. According to VIP it is the most advanced development in evolution of industrial coatings.

*Content and photograph courtesy: VIP
Polyurea Press release*