Introducing the Cilbond® range of single-coat polyurethane (PUR) to substrate bonding primers from Kommerling UK Limited.

The superior properties of polyurethane systems have made them the material of choice for engineers looking for the ultimate performance from an elastomer.

With high-performance bonding agents available for hot and cold-curing castable systems, sprayable ureethanes, millable systems and even thermoplastic polyurethanes, Kommerling has established itself as the worldwide market leader in PU bonding.

Contact Kommerling today for further information and for contact details of your local Cilbond® Distributor.
Cilbond 41 is a single-coat bonding system for low-temperature curing (20-90˚C) castable PU elastomers to different substrates including steel, brass, aluminium, acrylic plastics, ABS, GRP, epoxies and concrete.

Cilbond 41 can also be used to bond polyurethane foams, reaction injection moulded (RIM) systems and sprayable urethane systems. Components bonded with Cilbond 41 have excellent boiling water and salt-spray / corrosion resistance, making it suitable for marine, automotive and industrial applications.

Cilbond 48 is a clear, single-component bonding agent for both cold and hot-cure (20-135˚C) castable polyurethane systems and injection-moulded TPU (thermoplastic polyurethane) systems to metal and plastic substrates.

Offering exceptional corrosion resistance, Cilbond 48 is fast-drying, can be used without a pre-bake and has been developed for use in dynamic conditions, where hydrolytic stability is important.

To comply with individual customer and market requirements, Kommerling UK has also developed MEK-free and toluene-free grades of the Cilbond 40 series of products.

Cilbond 49SF is a single-component bonding agent for hot-cure (>70˚C) castable polyurethane elastomers and injection moulded TPU systems. Pigmented Red, Cilbond 49SF is the industry benchmark for high-performance urethane bonding.

Developed to bond to all metals, polyesters, polyamides, epoxies and fibreglass reinforced plastics, Cilbond 49SF is recommended by leading urethane houses, offering in-service heat-resistance up to 130˚C (or to 180˚C when used with the Cilcure B additive).

A clear version of Cilbond 49SF is also available, Cilbond 45SF.

Cilcure B is a speciality curing agent for use with Cilbond 41, 45SF, 48 and 49SF to enhance adhesion, particularly for highly reactive rotationally cast PU systems.

Cilcure B also improves the environmental resistance of bonded components, including those in a wet environment and is available in 5 kilo and 25 kilo packs.

Cilbond is packed in 10, 25 and 200 litre packs. For more information, or for details of Kommerling’s range of rubber to substrate bonding agents and mould release agents, please refer to your local Cilbond Distributor, or contact Kommerling directly.