

## MKU introduces new 6th Gen armouring technology

**M**KU's new 6th Generation (V6) armouring technology, reduces the weight of armour solutions for helicopter platforms by 40 per cent, thereby improving the performance and endurance capacity of armoured helicopters. This technology has been developed after extensive research, development and trials by MKU's team of engineers based in Germany. The use of Polyshield V6 technology helps save the 'effective payload' capacity of the helicopter without compromising on its protection. As an example, the use of Polyshield V6 technology enables the pilot of a Sikorsky CH-53 helicopter (with 50 sqm of armouring) to carry three extra soldiers, or 325 kg of ammunition or provisions, or an additional 415 litres of fuel in the aircraft, for increased flight radius. A reduction in the gross weight creates favourable conditions for take-off, further assisting in its rate of climb, aided by its engine power and the atmospheric conditions.



MKU stand at the Exhibition