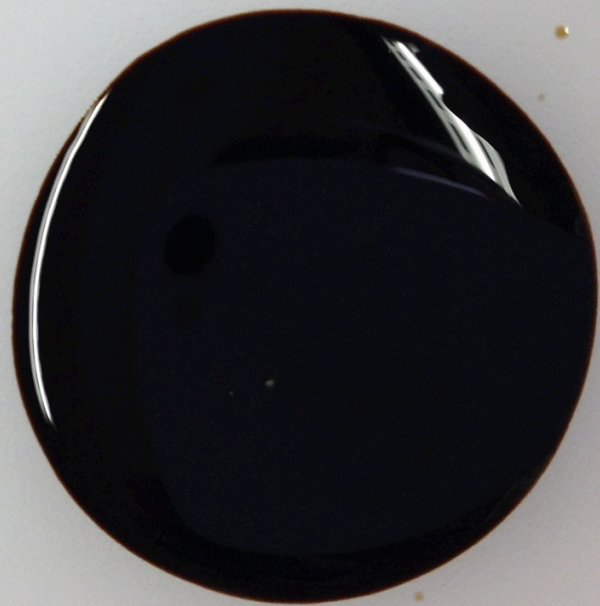


Mono project: technical materials for recycling

Sheila Clark

January 2018

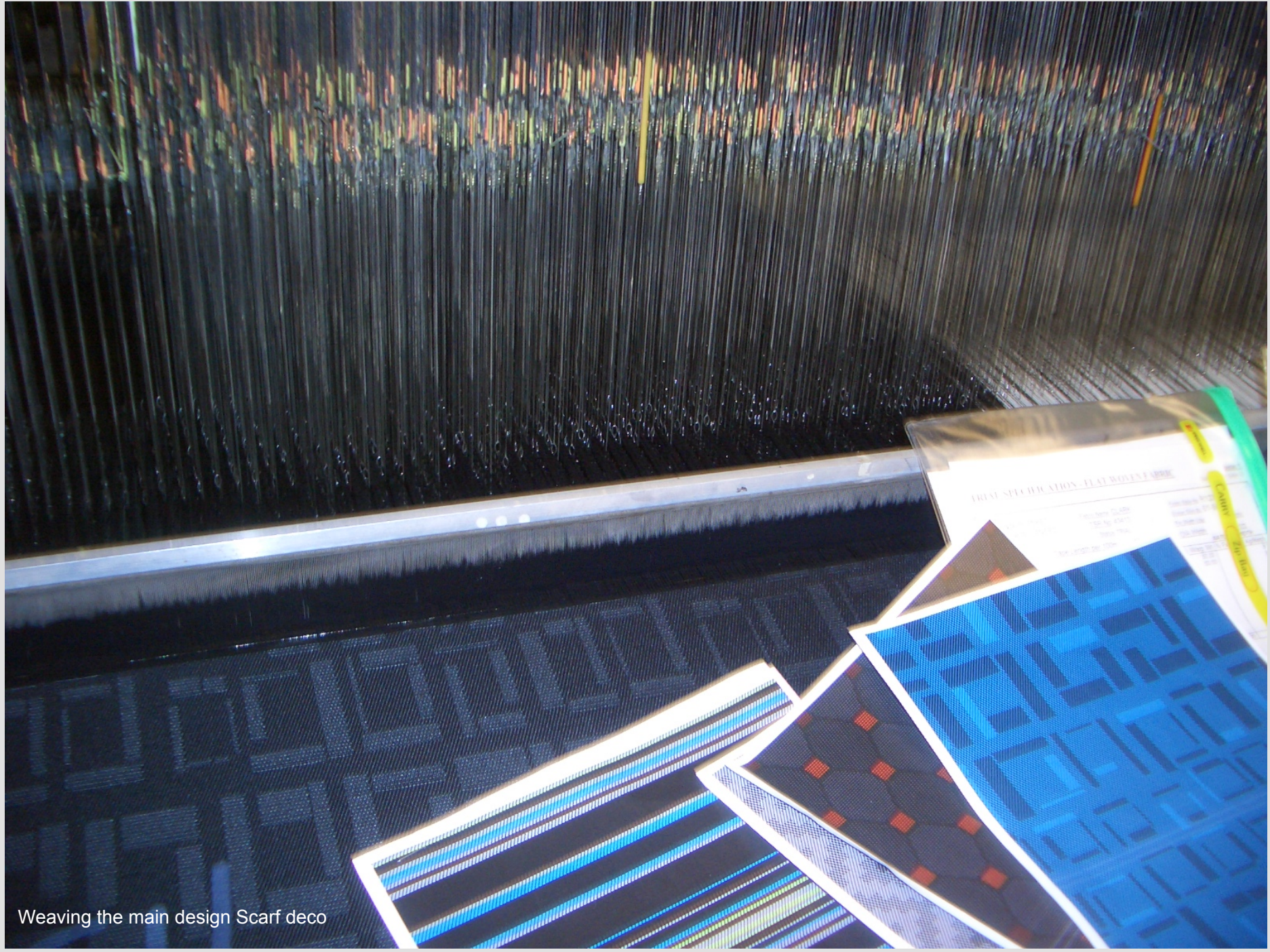
Images by Sheila Clark



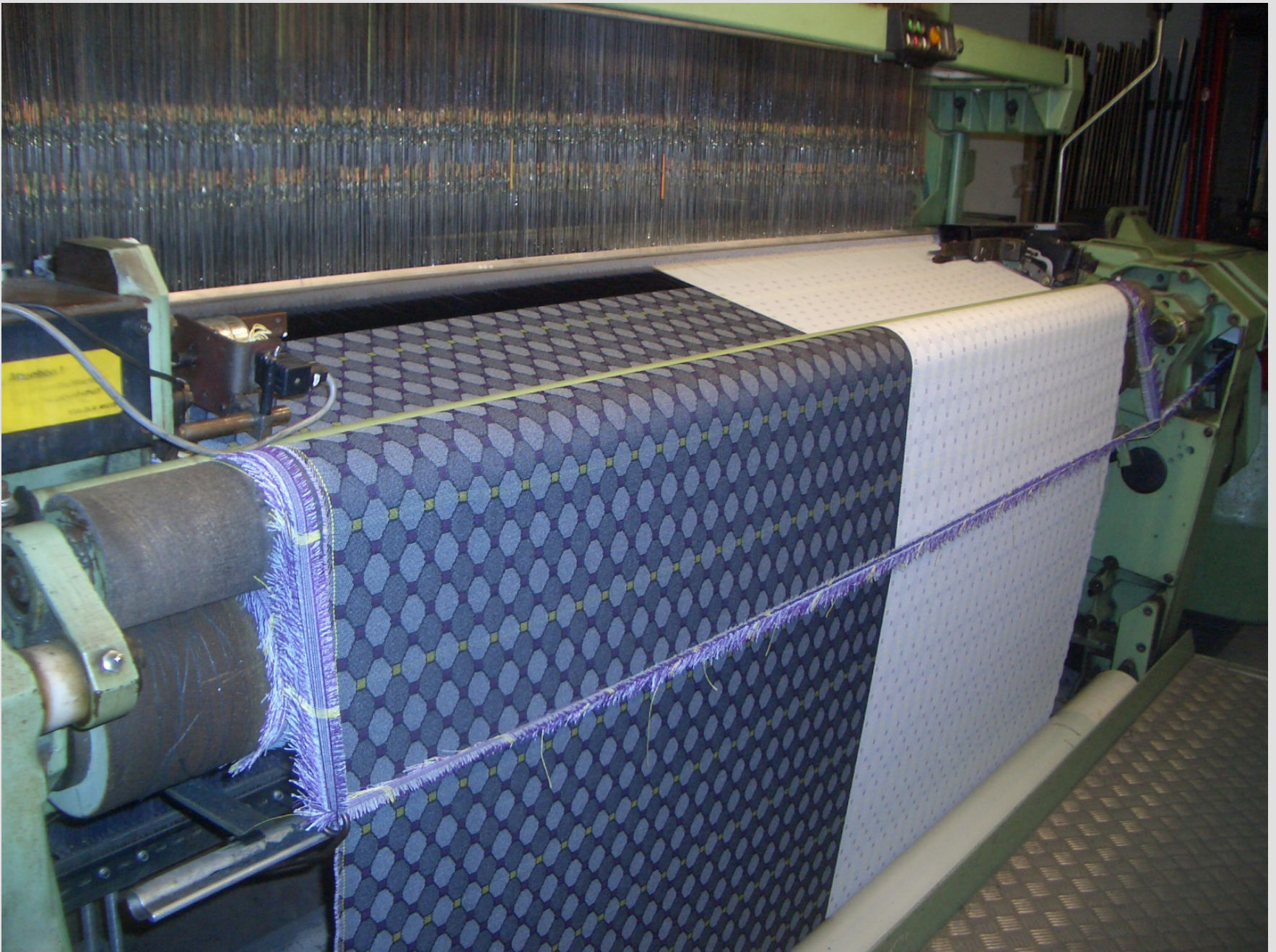
Oil

To create automotive standard textiles using post industrial PET waste that can be recycled at the end-of-life

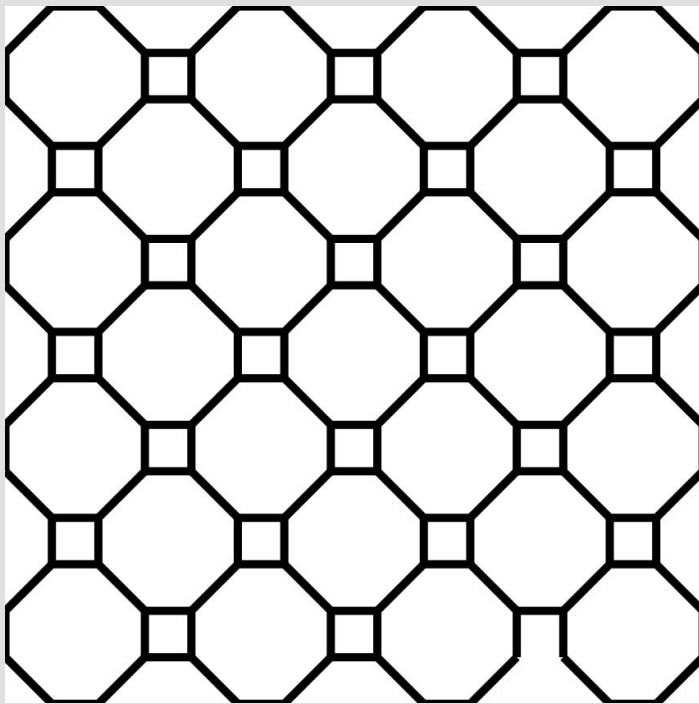




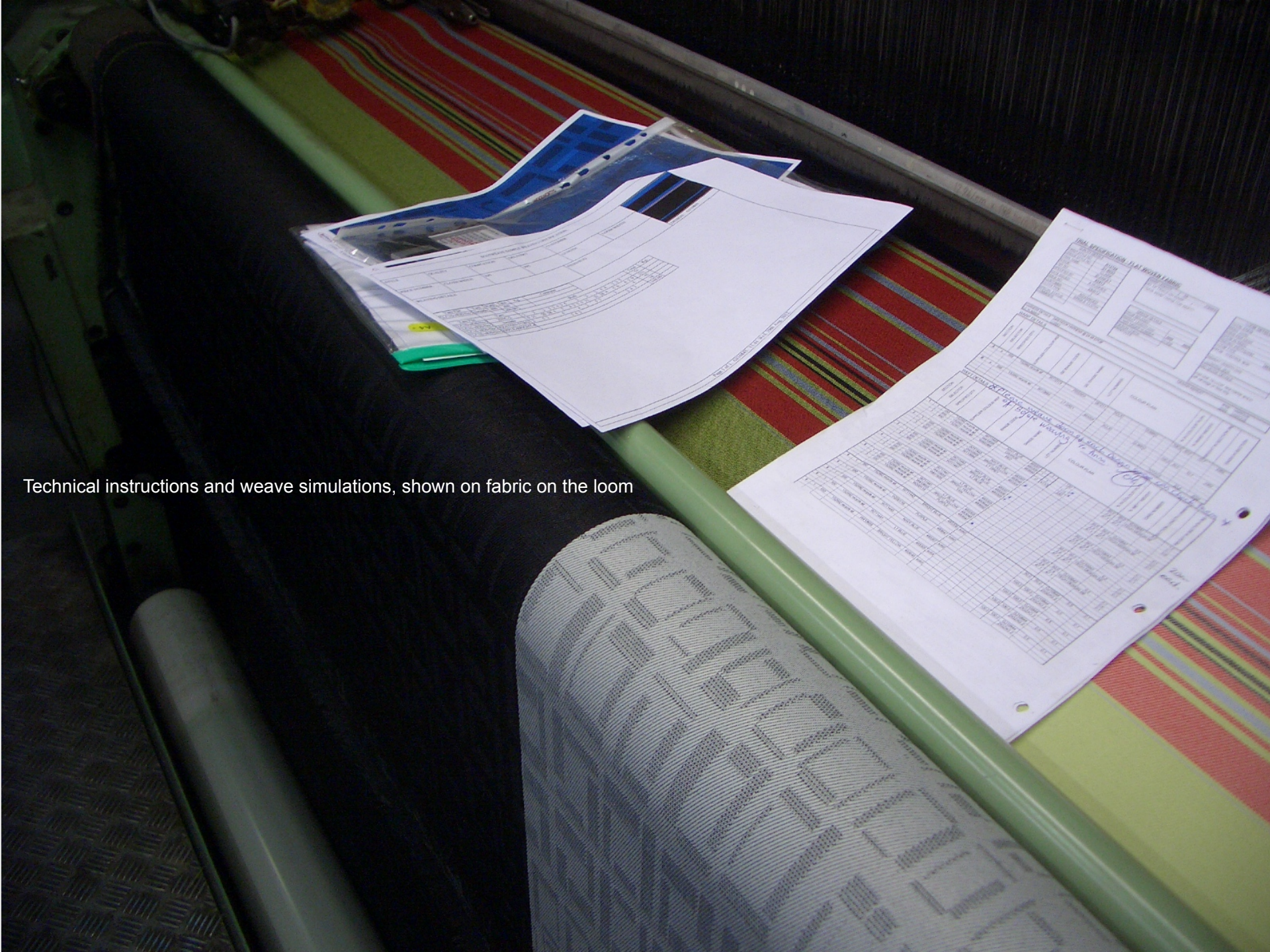
Weaving the main design Scarf deco



Weaving Tech Design



Child's car seat made with Tech Design textile



Technical instructions and weave simulations, shown on fabric on the loom

Stripe design showing split colour warp



A10

B10A

WATZ

B72





Range of designs and colourways

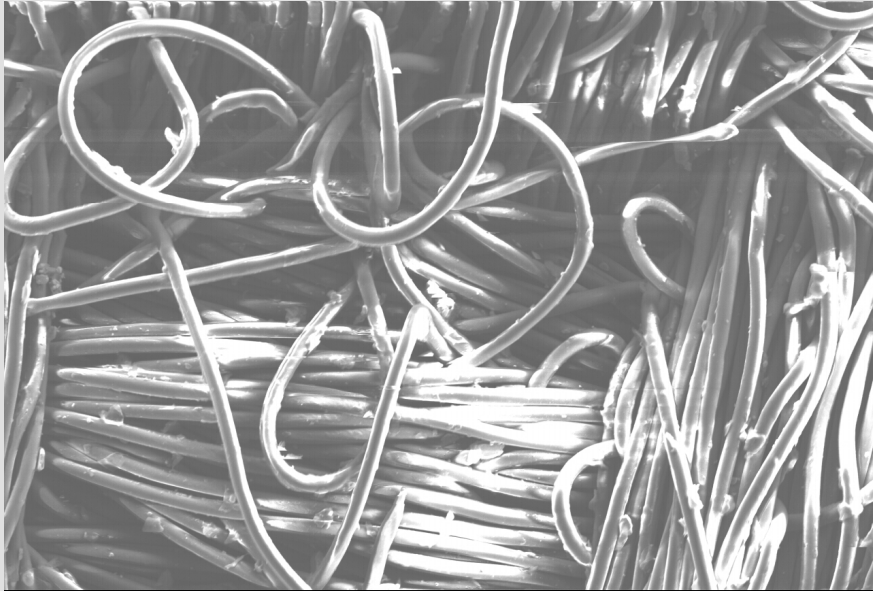


Range of designs and colourways



Range of designs and colourways

SEM images of anti-bacterial fabric



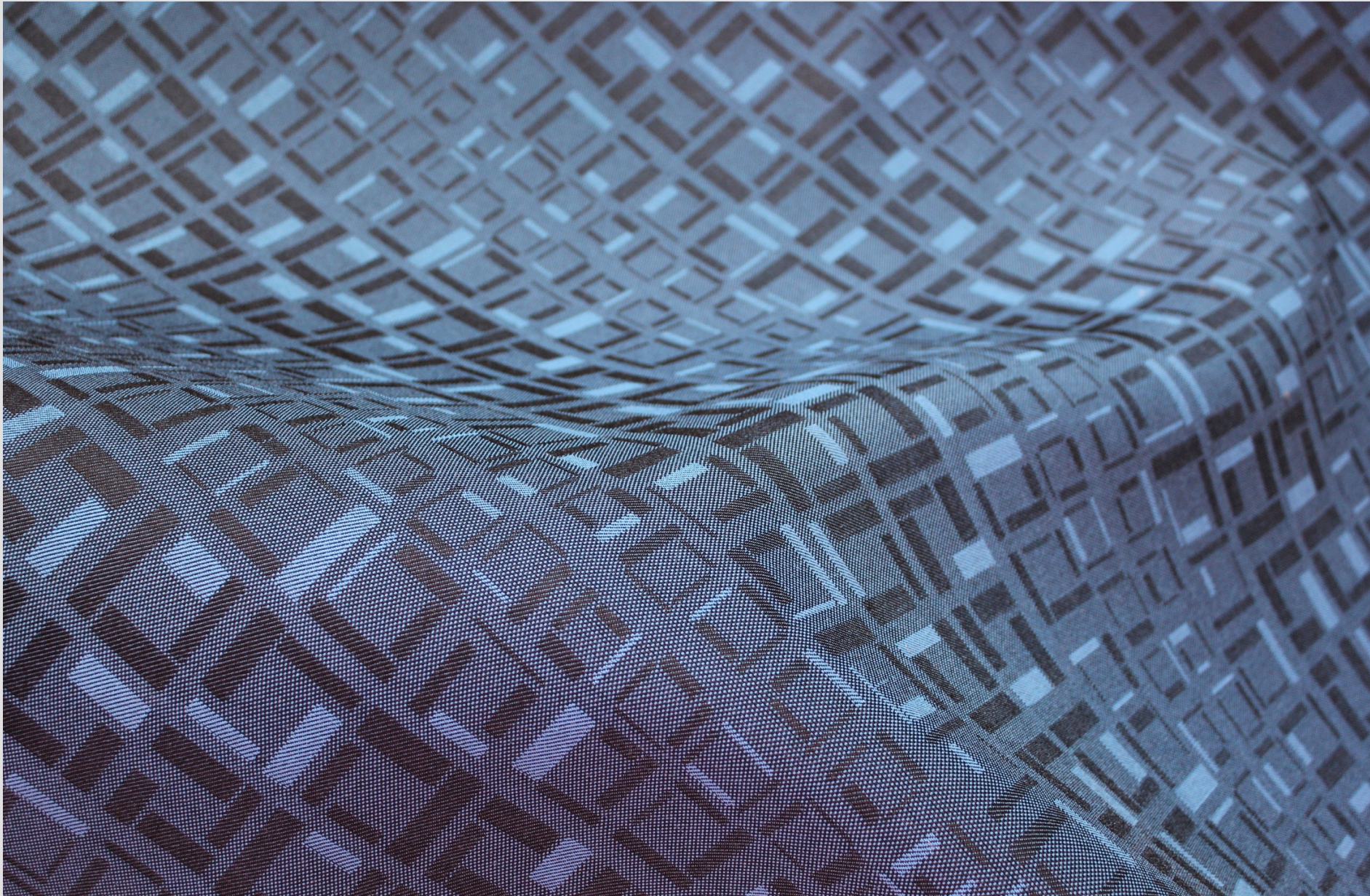
SE 10:51 WD15.7mm 20.0kV x120 300um



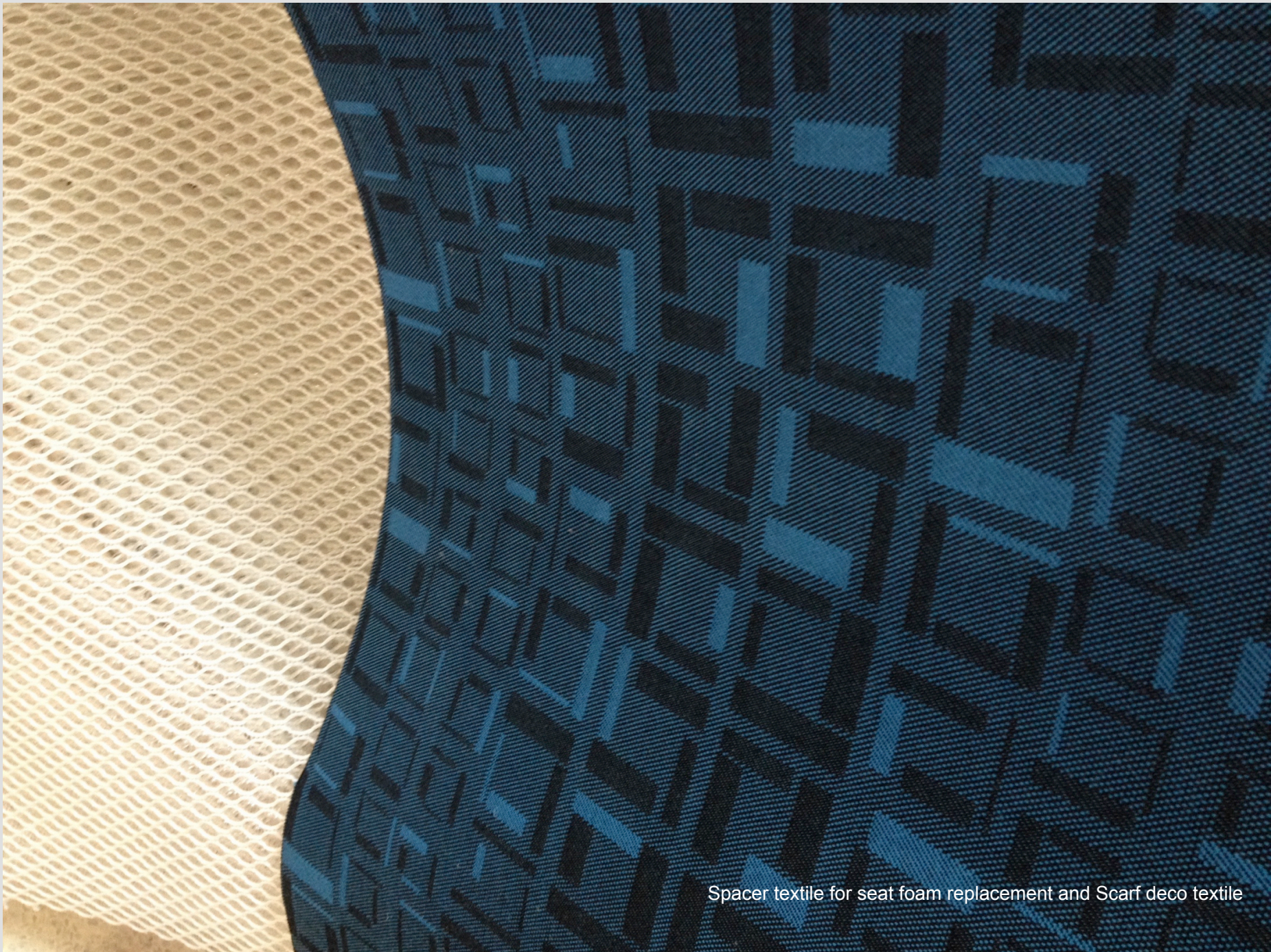
SE 10:19 WD28.0mm 20.0kV x120 300um

Testing for mould growth on the anti-bacterial fabric

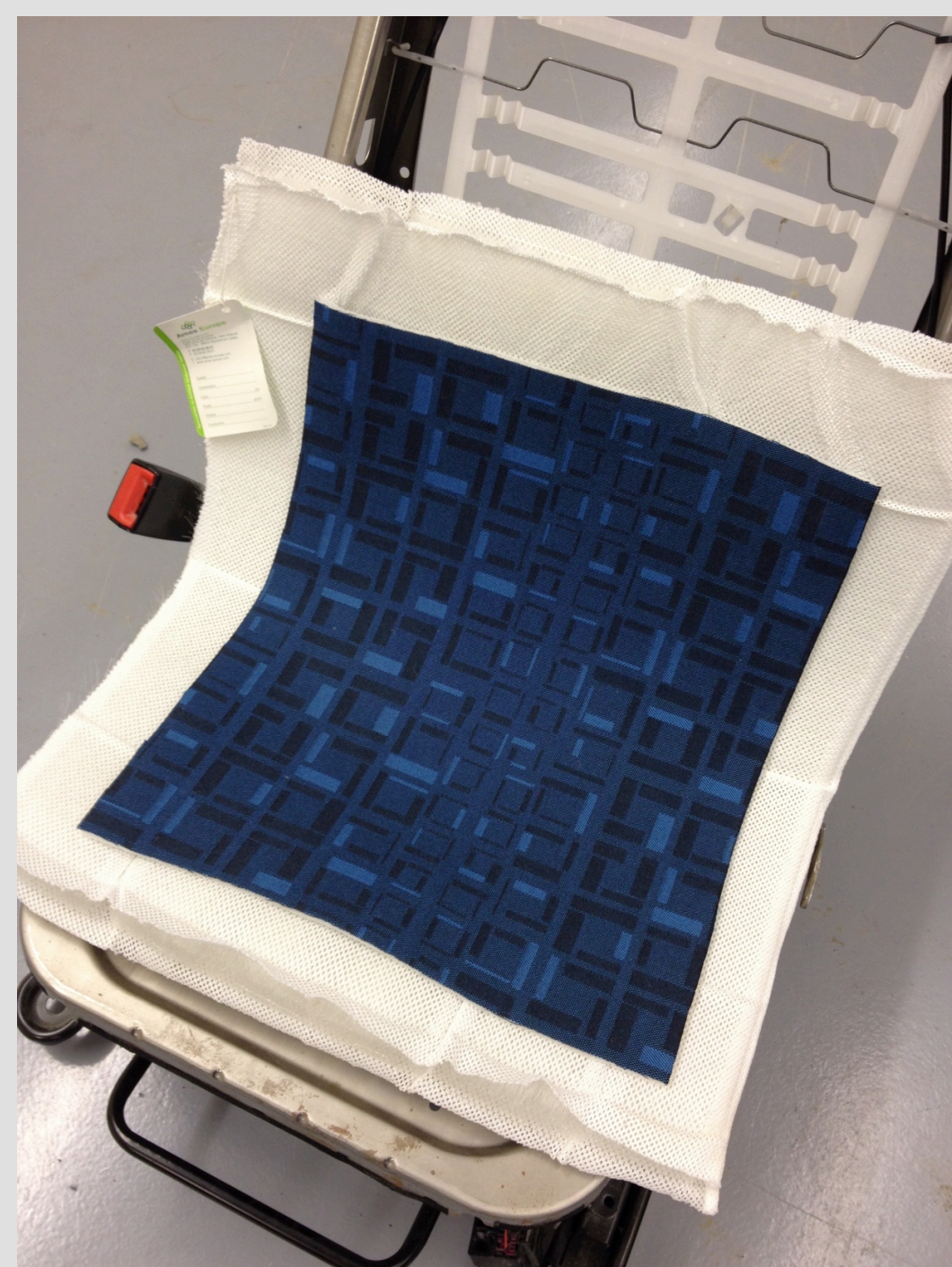




Scarf deco textile with spacer textile backing



Spacer textile for seat foam replacement and Scarf deco textile



Seat foam replacement spacer textile and seat layering concept