

CraftingPlastics x Studio LoopLoop at 3XN Architects

CraftingPlastics and Studio LoopLoop present a shared exhibition at 3XN Architects during 3 Days of Design, bringing together two research-driven practices exploring new material futures through experimentation, circular production and innovative manufacturing techniques.

ABOUT CRAFTINGPLASTICS

CraftingPlastics is an award-winning design and research studio operating at the intersection of science and design. Founded by Vlasta Kubušová and Miroslav Král, the studio develops bio-based and biodegradable material systems that offer alternatives to conventional plastics. Through cross-disciplinary research, material development and product design, CraftingPlastics translates scientific innovation into tangible applications for interiors, products and architecture. At the core of the studio's work is NUATAN®, a family of bio-based polymers developed to combine technical performance, aesthetic quality and responsible end-of-life scenarios.

ABOUT STUDIO LOOPLOOP

Studio LoopLoop is a Rotterdam-based design practice founded by Odin Visser and Charles Gateau. Working between craft and industry, the studio develops lighting, objects and material experiments through hands-on research and circular production processes. Its work focuses on aluminium, exploring how industrial manufacturing techniques can be reinterpreted on a small scale to create lightweight, modular and long-lasting products. A central aspect of the studio's ongoing research is a plant-based anodizing technique developed in-house, using natural dyes such as madder root to colour aluminium and expand the aesthetic possibilities of the material.

EXHIBITION AT 3XN ARCHITECTS

The exhibition presents material research as an open and exploratory process. Rather than focusing solely on finished products, it reveals the experiments, prototypes and intermediate stages that shape each studio's work.

Studio LoopLoop presents Lamella, a lightweight modular lighting system made from standard industrial aluminium reflectors, alongside an extensive collection of embossed, coloured and plant-dyed aluminium samples. CraftingPlastics showcases products, prototypes and material studies developed between 2022 and 2026, including objects made from NUATAN and outcomes from its ongoing research into responsive and regenerative material systems.

Together, the exhibition highlights how materials, processes and experimentation can become active drivers of innovation, inviting architects, designers and manufacturers to imagine new applications for circular and bio-based materials.

