



SikaFast® -555 Series ADHESIVES FOR ASSEMBLY AND REPAIR

SikaFast[®]-555 Serie

ADHESIVES FOR ASSEMBLY AND REPAIR

THE TWO-COMPONENT ACRYLIC ADHESIVES of the SikaFast[®]-555 series are suitable for structural connections of various materials with almost unlimited combination possibilities - fast, strong and reliable.

SikaFast[®]-555 adhesives have a relatively long open time, depending on the variant, 3, 5 or 10 minutes followed by a fast curing allowing quick fixture times.

SUITABLE MATERIALS

- Aluminum (raw, anodized)
- Steel
- Stainless steel
- Paint systems or coatings
- Mineral glass
- Plastics (e.g. ABS, hard PVC, UP, GFK, PC, PMMA)
- Rubbery materials in the system Sika[®] ADPrep Rubber

APPLICATION AREAS

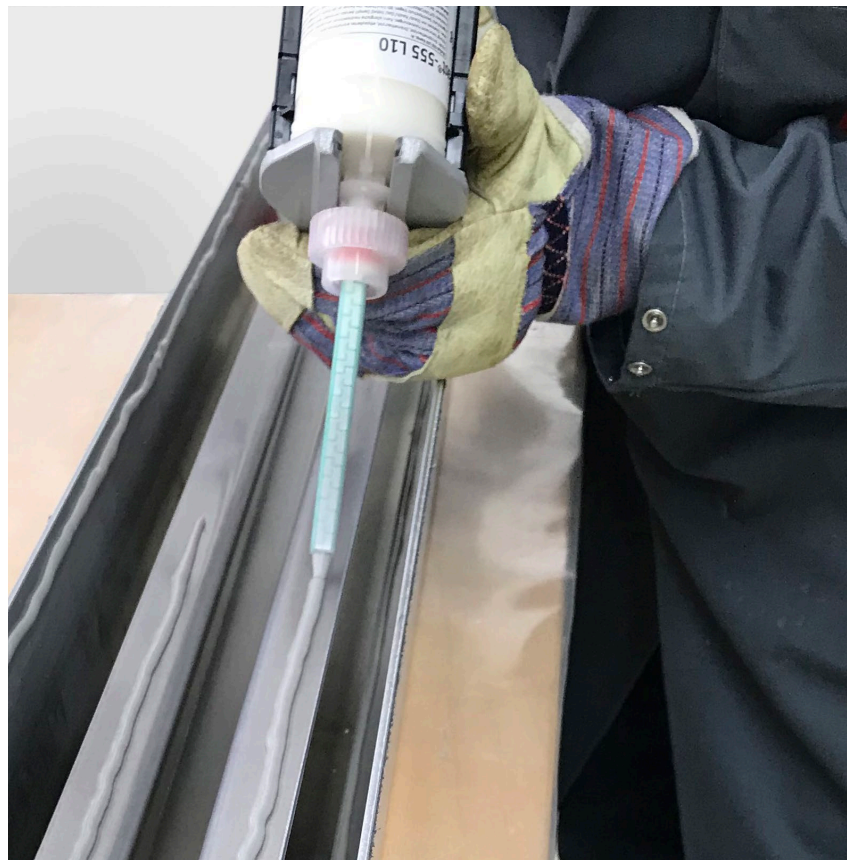
- Mechanical engineering
- Domestic appliances
- Furniture and furnishings
- Windows and doors
- Bus, rail and commercial vehicle construction
- Automotive and vehicle industries
- Boat and ship building
- Billboards and traffic management systems



TECHNICAL PROPERTIES

SikaFast®-555 Serie

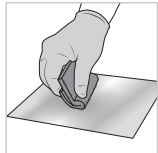
| PRODUCTS | SikaFast®-555 L03 | SikaFast®-555 L05 | SikaFast®-555 L10 |
|----------------------------|-------------------|-------------------|-------------------|
| CHARACTERISTICS | | | |
| Chemical Base | Acrylate | | |
| Color mixed | Grey | | |
| Mixing ratio | 10:by volume | | |
| Open time | 3 Minutes | 5 Minutes | 10 Minutes |
| Fixing Time | 9 Minutes | 15 Minutes | 25 Minutes |
| Tensile lap-shear strength | 12 MPa | | |
| Elongation at Break | 200% | 200% | 200% |
| E-Modulus | 200 MPa | 200 MPa | 200 MPa |
| Operating temperature | -40 °C bis +80 °C | | |



PROCESSING INSTRUCTIONS

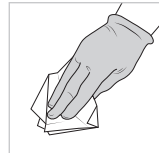
EASY APPLICATION IN FOUR STEPS

PREPARATION



1. Grinding

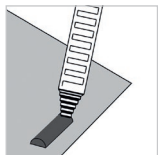
Remove loose layers of paint, rust, etc. with 80/100 sandpaper. Non-load-bearing layers (e.g. oxide layers on raw aluminum) sand with a sanding fleece. Remove grinding dust.



2. Clean

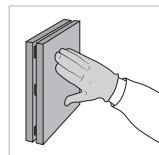
Release agents, drawing oil, greases, dust etc. have a negative impact on adhesion. Therefore wipe the adhesive surface with the Sika® ADPrep bonding agent using lint-free paper fleece. Flash-off time: 1 minute at a processing temperature above 15°C.

PROCESSING TIPS



3. Apply

Place the SikaFast®-555 LXX in the glue gun and attach the static mixer. SikaFast®-555 LXX caterpillars or apply in spots with a layer thickness of at least 2 mm.



4. Position

Then press the joint and position it. When pressing, make sure that the minimum adhesive layer thickness is not less than 0.5 mm. The glued component can be loaded after only 15 minutes.

TIPS AND TRICKS



- Note the processing time (pot life) of 3, 5 or 10 minutes
- The cartridge remains usable even if you use the cartridge. Leave the static mixer on the cartridge. With a new application simply screw on a new mixer and the gluing process continues. This saves you time and material.
- As long as SikaFast®-555 LXX has not yet reacted, you can remove excess material with a dry cloth.



SikaFast[®]-555 Serie

FAST - STRONG - RELIABLE

**YOUR BENEFIT.
YOUR ADVANTAGES.**

FAST BONDING PROCESSES

Fixture strength within minutes
after processing

WIDE ADHESION RANGE

Adhesion on a variety of substrates

EASY TO USE

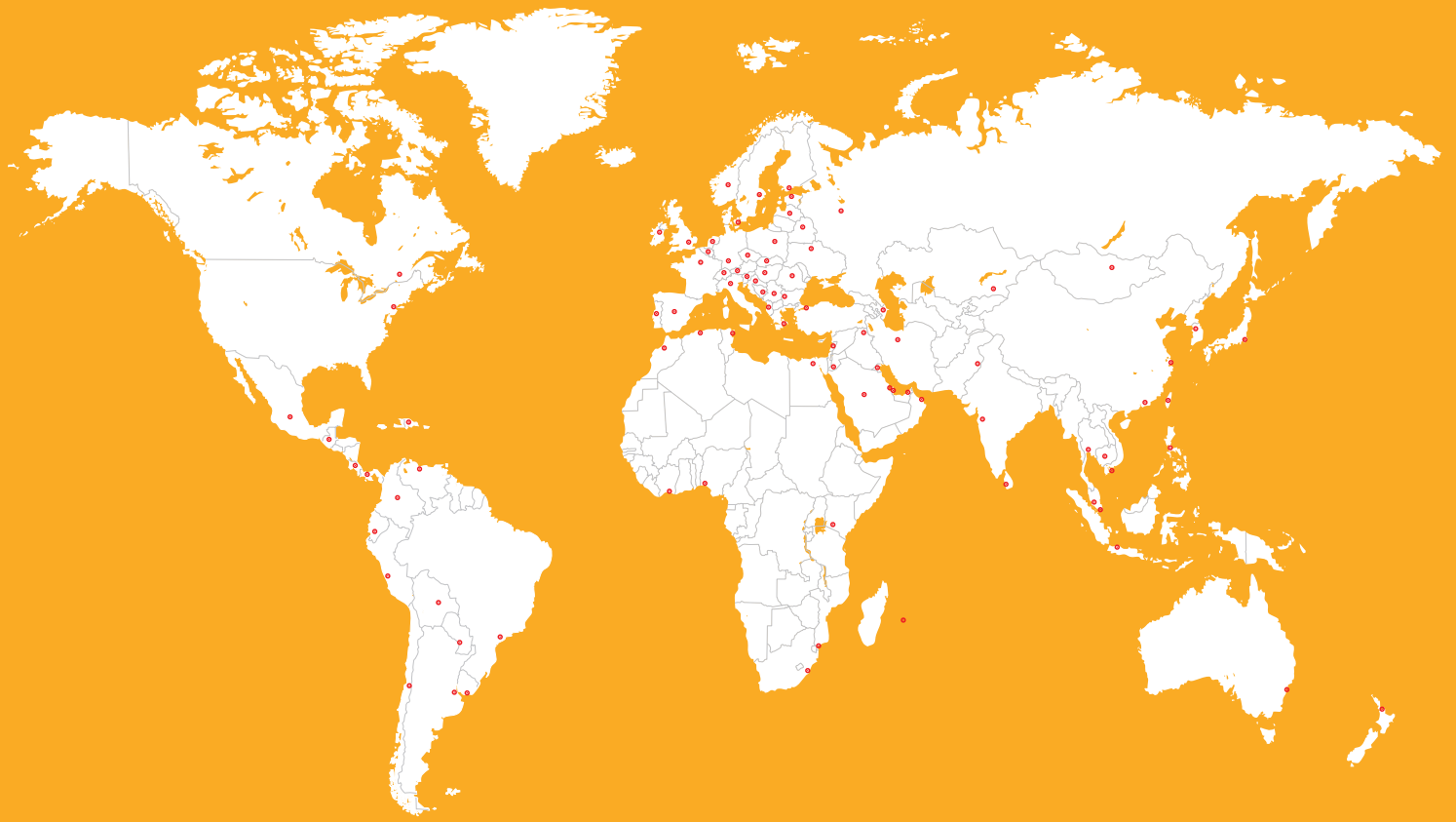
Solvent and acid free, lower odor
than MMA products

HIGH STRENGTH AND IMPACT RESISTANCE

Just a few minutes after joining the components
80% of the final strength has already been reached



GLOBAL BUT LOCAL PARTNERSHIP



WHO WE ARE

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector, manufacture and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.



Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



Controlled Quality System
ISO 9001/EN 29001
since 1986



Controlled Management System
ISO 14001
since 1997



Responsible Care

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BUILDING TRUST

