ULTRALITE FLEX RANGE

Lightweight cementitious adhesives

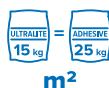# Ultralite Flex range

Properties and advantages

Ultralite Flex range is a product family of unique and innovative **lightweight cementitious adhesives** whose characteristics **make the installer's job on site easier and effortless.** They are ideal for installing large-format porcelain tiles, also thin tiles, and suitable for installing all types of ceramic tiles, mosaics and natural stones.

Creamy and light mix, **easier to spread**

Extremely high yield (a **15 kg** bag covers the **same m²** as a **25 kg** bag of conventional adhesive of the same class)

Excellent wetting capacity

15 kg **bags**, **lighter** during transport

Easier handling, thanks to the bag fitted with a handle

Low dust emission during the mixing phase

Excellent whiteness

Very low emission of VOC, certified as **EC1 Plus** by the GEV

Environmental impacts assessed through LCA methodology and reported in the **EPDs**

LEED credits

Ultralite S1 Flex Zero

One-component, high-performance, **grey and white deformable**, **lightweight**, cementitious adhesive with no vertical slip, extended open time, and extremely high yield. It is easy to apply by trowel and features excellent wetting capacities, Low Dust technology, very low emission of volatile organic compounds and **fully offset Greenhouse Gas Emissions**. It is classified as C2TES1 according to the standards EN 12004 and ISO 13007-1, as well as EMICODE EC1 Plus by the GEV.

CERTIFICATIONS AND TECHNOLOGIES

C2TE S1

EC1 very low emission

Ultralite Technology.

CO_2 FULLY OFFSET ZERO

≥2,5 mm

Deformable:
classified as **S1** according to the standard **EN 12004**

Highly thixotropic:
suitable also for large-format and high-weight tiles

+30 Min

Extended open time

Ideal for the installation of **large-format tiles**, also thin tiles

Suitable for the installation of **natural stone**, as long as stable and not sensitive to moisture

Suitable for the installation of **glass mosaics** in **swimming pools**

Suitable for the installation of/on uncoupling, anti-fracture, waterproofing **membranes** from the **Mapeguard** range

MED-certified for use in the shipbuilding industry

Product with CO_2 emissions fully offset

CO_2 emissions measured throughout the life cycle of products from the Zero line in 2023 using Life Cycle Assessment (LCA) methodology, verified and certified with EPDs, have been offset through the acquisition of certified carbon credits in support of renewable energy and forestry protection projects. A commitment to the planet, to people and to biodiversity.
For more details on how emissions are calculated and on climate mitigation projects financed through certified carbon credits, visit the webpage zero.mapei.com.

MAPEI

Ultralite S2 Flex

One-component, high-performance, **highly deformable**, grey and white **lightweight**, cementitious adhesive with extended open time, and extremely high yield. It is easy to apply by trowel and features excellent wetting capacities, Low Dust technology, and very low emission of volatile organic compounds. It is classified as C2ES2 according to the standards EN 12004 and ISO 13007-1, as well as EMICODE EC1 Plus by the GEV.

CERTIFICATIONS AND TECHNOLOGIES

1 comp.
No latex required,
it is mixed with water only

≥5 mm **S2**
Highly deformable:
classified as **S2** according to the standard **EN 12004**

+30 Min
Extended open time

Creamy and **easy-to-apply** also at **high temperatures**

Ideal for the installation of **large-format tiles,** also thin tiles

Suitable for the installation of **natural stone**, as long as stable and not sensitive to moisture

Ideal for installation on **façades** and on **external thermal insulation** covered with tiles (**Mapetherm Tile System XL**)

Suitable for the installation of/on uncoupling, anti-fracture, waterproofing **membranes** from the **Mapeguard** range

MED-certified for use in the shipbuilding industry

MAPEI

Ultralite S1 Flex Quick

One-component, **rapid-setting and -hydration**, high-performance, grey and white **deformable**, **lightweight**, cementitious adhesive with extended open time, and extremely high yield. It is easy to apply by trowel and features excellent wetting capacities, Low Dust technology, and very low emission of volatile organic compounds. It is classified as C2FES1 according to the standards EN 12004 and ISO 13007-1, as well as EMICODE EC1 Plus by the GEV.

CERTIFICATIONS AND TECHNOLOGIES

≥2,5 mm
Deformable:
classified as **S1** according to the standard **EN 12004**

+30Min
Extended open time

Ideal for the installation of **large-format** tiles, also thin tiles

Ideal for **overlaying** existing flooring with **medium to large-format** porcelain tiles

Suitable for installing **natural stone** (also moderately unstable and sensitive to staining)

Ideal for rapid restoration works, for **immediate putting back into service**

approx. 50 Min
Extended pot life

Application during **cold weather**

Suitable for **quick application**, also in **warm weather**, thanks to its extended **pot life**

Suitable for rapid installation on waterproofing **membranes** from the **Mapelastic** and **Mapegum WPS** ranges.

Suitable for the installation of/on uncoupling, anti-fracture, waterproofing **membranes** from the **Mapeguard** range

MAPEI

Ultralite S2 Flex Quick

One-component, **rapid-setting and -hydration**, high-performance, **highly deformable**, grey and white **lightweight**, cementitious adhesive with extended open time, and extremely high yield. It is easy to apply by trowel and features excellent wetting capacities, Low Dust technology, and very low emission of volatile organic compounds. It is classified as C2FES2 according to the standards EN 12004 and ISO 13007-1, as well as EMICODE EC1 Plus by the GEV.

CERTIFICATIONS AND TECHNOLOGIES

C2FE S2
EC1
Fast Track Ready
Ultralite Technology

No latex required,
it is mixed with water only

≥5 mm
Highly deformable:
classified as **S2** according to the standard **EN 12004**

Creamy and **easy-to-apply** also at **high temperatures**

approx. 50 Min
Extended pot life

Ideal for rapid restoration works, **for immediate putting back into service**

Suitable for application during **cold weather**

Suitable for **quick application**, also in **warm weather**, thanks to its extended **pot life**

Ideal for installation on **façades** and on **external thermal insulation** covered with tiles (**Mapetherm Tile System XL**)

Ideal for **overlaying** existing flooring with **large-format** tiles, also thin tiles

Suitable for installing **natural stone** (also moderately unstable and sensitive to staining)

Suitable for rapid installation on waterproofing **membranes** from the **Mapelastic** and **Mapegum WPS** ranges.

Suitable for the installation of/on uncoupling, anti-fracture, waterproofing **membranes** from the **Mapeguard** range

MAPEI

Ultralite Flex

Highly thixotropic

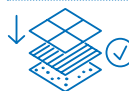**+30Min** **Extended open time**

Excellent bond to all the substrates normally used in the building industry

Suitable for **daily use** for installing all types of tiles

One-component, high-performance, moderately deformable, grey and white **lightweight**, cementitious adhesive with no vertical slip, extended open time, and high yield. It is easy to apply by trowel and features excellent wetting capacities, Low Dust technology, and very low emission of volatile organic compounds. It is classified as C2TE according to the standards EN 12004 and ISO 13007-1, as well as EMICODE EC1 Plus by the GEV.

CERTIFICATIONS AND TECHNOLOGIES

C2TE

EC1 Plus

Ultralite Technology

MAPEI

Notes

EVERYTHING'S **OK**, WITH **MAPEI**

MAPEI®