

Ultralite

**ONE-COMPONENT LIGHTWEIGHT
CEMENTITIOUS ADHESIVES**

Taking your work
lightly has never
had so many
advantages.



MAPEI's lightweight product
15 kg
= 25 kg



Ultralite



What is the Ultralite range:

The name **Ultralite** is used to identify a family of **innovative, lightweight cementitious adhesives, unique in their kind, ideal for bonding** all types of **ceramic, mosaic and natural stone, and thin porcelain tiles in particular**. They are particularly versatile with characteristics that make the work of installers simpler and quicker.

Characteristics and advantages:

- **Easier to apply** compared with traditional adhesives.
- Thanks to their special formulation **work feels less tiring**, while the glass micro-spheres or natural aggregates contained in the adhesive help make trowelling easier.
- **Lighter bags (15 kg)** with practical hand grip for easier handling.
- **Up to 80% higher yield** compared with other adhesives with the same classification.
- **Excellent back-buttering**, double-buttering not required.
- One-component **deformable (S1)** and **highly deformable (S2)** according to EN 12004 and ISO 13007-1 standards.
- **Perfect adhesion** to all types of substrate normally used in the building industry.
- **Lower transport costs.**
- Contain **more than 20% of recycled materials.**
- Help to earn **Leed award points.**
- Excellent **brilliant white.**
- Thanks to the **Low Dust** technology, the formation of the dust during mixing is considerably reduced for **Ultralite S1** and **Ultralite Flex.**

Available from authorized distributors.



Ultralite Flex



Lightweight and tough
for the everyday tiling work

Ultralite Flex

Ultralite Flex is one-component, high-performance, fair deformability, **lightweight** cementitious adhesive with extended open time, **Low Dust** technology, no vertical slip, excellent back-buttering capacity, good trowellability and **very high yield**, with very low emission of organic volatile compounds. Classified **C2TE** according to EN 12004 and ISO 13007-1 standards and EMICODE EC1 R Plus according to GEV.

Why use Ultralite Flex:

- **Up to 55%** higher yield compared with other adhesives of the same class: one 15 kg bag is enough to install around the same m² of tiles as a 25 kg bag of conventional adhesive.
- Suitable for **all types** of ceramic, mosaic, thin porcelain tiles (without reinforcement mesh) and dimensionally stable stone on all conventional types of substrate, by overlaying, on heated substrates and on plasterboard.
- Allows you to install **tiles on waterproofing membranes** from the **Mapelastic** family and on **Mapegum WPS**.
- Ideal for installing all types of tiles, for **everyday use**.



Ultralite S1



Ultralite S1 Ultralite S1 Quick

Ultralite S1 is a one-component, high performance, **deformable**, **lightweight** cementitious adhesive with extended open time, no vertical slip, **Low Dust** technology, excellent back-buttering capacities, good trowellability and very high yield, with very low emission of organic volatile compounds. Classified **C2TES1** according to EN 12004 and ISO 13007-1 standards and EMICODE EC1 R Plus according to GEV.

Ultralite S1 Quick is the rapid version of **Ultralite S1** and is classified **C2FTS1** according to EN 12004 and ISO 13007-1 standards; the preferred choice when **surfaces need to be set to light foot traffic more quickly** or when bonding in cold weather.



Ultralite S1 Quick

Why use them:

- **60% higher yield** than other adhesives with the same classification: one 15 kg bag can tile the same surface area as a 25 kg bag of traditional adhesive.
- Allow all types of ceramic, including **thin tiles*** and **mosaic**, to be overlaid and **bonded “rapidly”** on all types of traditional substrate, heated floors, plasterboard, external façades, etc.
- **Ultralite S1 Quick** is particularly recommended for **overlaying** with **medium to large size porcelain tiles**; normal-setting adhesives require longer waiting times before surfaces can be set to light foot traffic.
- **Ultralite S1** is suitable for **bonding stable natural stone and stone not sensitive to moisture**; **Ultralite S1 Quick** is also particularly recommended for **bonding natural stone that is normally unstable and stone that tends to stain easily**.
- They are both suitable for **bonding glass mosaic in swimming pools**.
- They also allow for **“rapid” bonding** on the **Mapelastic** family of waterproofing membranes and on **Mapegum WPS**.
- **Ultralite S1 Quick** has a **longer workability time** compared with traditional rapid cementitious adhesives.

* For more details and information consult our Technical Manual “Systems For Laying Thin Porcelain Tiles”.



Ultralite S2



Ultralite S2 **Ultralite S2 Quick**

Ultralite S2 is a one-component, high performance, **highly deformable, lightweight** cementitious adhesive with extended open time, excellent back-buttering capacities, good trowellability and very high yield. Classified **C2ES2** according to EN 12004 and ISO 13007-1 standards.

Ultralite S2 Quick is the rapid version of **Ultralite S2** and is classified **C2FES2** according to EN 12004 and ISO 13007-1 standards; the preferred choice when **surfaces need to be set to light foot traffic more quickly or when bonding in cold weather.**



Ultralite S2 Quick

Why use them:

- **80% higher yield** than two-component adhesives with the same classification.
- The **only one-component highly deformable** (class S2) adhesives according to EN 12004 standards: no need to add latex, just mix with water.
- Allow all types of **ceramic**, including large size and **thin tiles*** and **mosaic**, to be overlaid and **bonded “rapidly”** on deformable substrates, as well as on all types of traditional substrate, heated floors, plasterboard, external façades, etc.
- **Ultralite S2 Quick** is particularly recommended for **overlaying with large size porcelain tiles**; normal-setting adhesives require longer waiting times before surfaces can be set to light foot traffic.
- **Ultralite S2** is suitable for **bonding stable natural stone and stone not sensitive to moisture**; **Ultralite S2 Quick** is also particularly recommended for **bonding natural stone that is normally unstable and stone that tends to stain easily**.
- They also allow for **“rapid” bonding** on the **Mapelastic** family of waterproofing membranes and on **Mapegum WPS**.
- Suitable also for the tiled **thermal insulation system Mapetherm Tile System**.
- They keep their **creamy consistency** and **ease of application at higher temperatures** compared with two-component adhesives with the same classification. **Ultralite S2 Quick** has a **longer workability** time compared with traditional rapid cementitious adhesives with the same classification.

* For more details and information consult our Technical Manual “Systems For Laying Thin Porcelain Tiles”.



● **Technical documentation**

From the technical area menu you can view the technical documentation divided per product lines and type of document.

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