

ULTRALITE FLEX RANGE

Lightweight cementitious
adhesives





Ultralite Flex range

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.



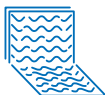
Properties and advantages



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 back-buttering 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



One-component, high-performance, **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 back-buttering capacities, Low Dust technology, and very low emission of volatile organic compounds. 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



Properties and advantages

≥2,5 mm



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



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



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



Ultralite S2 Flex



One-component, high-performance, **highly deformable**, **lightweight**, cementitious adhesive with extended open time, and extremely high yield. It is easy to apply by trowel and features excellent back-buttering 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



Properties and advantages



No latex required,
it is mixed with water only



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



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



Ultralite S1 Flex Quick



One-component, rapid-setting and -hydration, high-performance, **deformable, lightweight,** cementitious adhesive with extended open time, and extremely high yield. It is easy to apply by trowel and features excellent back-buttering 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



Properties and advantages



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



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



Ultralite S2 Flex Quick



One-component, rapid-setting and -hydration, high-performance, **highly deformable, lightweight,** cementitious adhesive with extended open time, and extremely high yield. It is easy to apply by trowel and features excellent back-buttering 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



Properties and advantages



No latex required,
it is mixed with water only



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



Ultralite Flex



One-component, high-performance, moderately deformable, **lightweight**, cementitious adhesive with no vertical slip, extended open time, and high yield. It is easy to apply by trowel and features excellent back-buttering 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



Properties and advantages



Highly thixotropic



Extended open time



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



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

EVERYTHING'S OK, WITH MAPEI

HEAD OFFICE
MAPEI SpA
Via Cafiero, 22
20158 Milan
+39-02-37673.1
mapei@mapei.it
mapei.com

