Terrazzo specification data sheet

Twelve properties, five processes, and an honest column. terrazzo.com.cn

FIGURES ARE PUBLISHED RANGES. FIGURES WE HAVE MEASURED ARE MARKED "OURS". FIGURES WE HAVE NOT MEASURED ARE MARKED "NOT TESTED". NOTHING ON THIS SHEET HAS BEEN INVENTED.

How to read this sheet

The middle column is the published range for the material. The right column is ours, and it reads **not tested** on every row today, because nobody in this business has yet handed us a panel with a test report attached. That column is deliberately empty rather than estimated: a figure nobody measured is worse than no figure, because a specifier copies it into a drawing set and from that moment it travels with the building.

Property	Published range	Ours
Water absorption	see note	*not tested*
Density	see note	*not tested*
Flexural strength	see note	*not tested*
Compressive strength	see note	*not tested*
Moh	see note	*not tested*
Gloss	see note	*not tested*
Water resistance	see note	*not tested*
Linear thermal expansion	see note	*not tested*
Slip resistance	see note	*not tested*
Fire rating	see note	*not tested*
Abrasion resistance	see note	*not tested*
Thickness range	see note	*not tested*

The right-hand column is the only one that is about us, and it is the one we can prove. Ask us for a figure and we will tell you whether it is a published range or something we measured.

Which binder moves the figure

Property	Cement or resin bound	Why it differs
Water absorption	commonly 0.3–0.6%	A cement matrix is porous. A resin binder has no cement in it, so the figure falls by an order of magnitude and the sealing question goes away.
Chemical resistance	high for the resin family	The binder resists what the cement matrix would absorb.
Repair	cement repairs in place	A ground floor is a floor and its subfloor taken as one thing. A resin coating is a coating, and lifting it takes the substrate with it.
Fire rating	process and formulation dependent	A precast panel can be specified to a rating; a resin coating is a different question. Ask for the test, not the claim.

The question this sheet exists to prevent

"Is terrazzo slippery when wet?" is asked eight different ways and is the single most searched question about this material. The answer depends on the finish and on the binder, and a figure quoted for "terrazzo" in general is meaningless. We hold no wet slip rating and this sheet does not supply one. Where a wet rating is required, ask for it in writing against the finish being supplied.