

**COVERLAM** | TOP  
TECHNICAL STONE

What is  
TECHNICAL STONE?

**GRES PANIA**

# What is 'TECHNICAL STONE' used for Coverlam Top worktops?

**TECHNICAL STONE** IS AN ENGINEERED MATERIAL IDEAL FOR CONSTRUCTION AND ARCHITECTURAL APPLICATIONS. IT IS THE OUTCOME OF AN ELABORATE COMBINATION OF NATURAL RAW MATERIALS, SUCH AS CLAYS WITH DIFFERENT MINERAL COMPOSITIONS, AND MINORITY ORGANIC COMPOUNDS TO PROVIDE OPTIMAL MECHANICAL AND RHEOLOGICAL PROPERTIES.

SLABS ARE SUBJECTED OVER SEVERAL HOURS TO KILN LEVELS OF HEAT REACHING 1,200 DEGREES FUSING THEIR COMPONENTS AFTER BEING COMPACTED WITH ULTIMATE TECHNOLOGY AT 30,000 TONNES OF PRESSURE WITHOUT ANY MOULD ENSURING UNIFORMITY OF TENSION THROUGHOUT EACH SLAB.

THE RESULT IS A DENSE, DURABLE, AND VERSATILE MATERIAL THAT EXHIBITS PROPERTIES LIKE NATURAL STONE BUT WITH MANY ADDED BENEFITS. **TECHNICAL STONE** IS HIGHLY RESISTANT TO SCRATCHING, STAINING, HEAT, AND UV LIGHT, MAKING IT SUITABLE FOR A WIDE RANGE OF INDOOR AND OUTDOOR APPLICATIONS. IT IS ALSO NON-POROUS, WHICH MEANS IT DOES NOT ABSORB LIQUIDS AND IS RESISTANT TO BACTERIAL GROWTH, MAKING IT HYGIENIC AND EASY TO CLEAN.

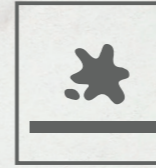
**TECHNICAL STONE** IS AVAILABLE IN A VARIETY OF COLOURS, PATTERNS, AND FINISHES, OFFERING DESIGNERS AND ARCHITECTS A WIDE RANGE OF AESTHETIC OPTIONS. IT OUTPERFORMS OTHER MATERIALS FOR KITCHEN COUNTERTOPS, BATHROOM SURFACES, FLOORING, WALL CLADDING, FURNITURE, AND EVEN EXTERIOR FACADES. ITS VERSATILITY, DURABILITY, AND AESTHETIC APPEAL HAVE MADE **TECHNICAL STONE** A POPULAR CHOICE IN MODERN ARCHITECTURE AND INTERIOR DESIGN.

WHAT ARE THE ADVANTAGES OF '**TECHNICAL STONE**' COVERLAM TOP WORKTOPS OVER OTHER MATERIALS?

**TECHNICAL STONE** OFFERS VAST ADVANTAGES OVER OTHER WORKTOP MATERIALS, HERE ARE SOME OF THE KEY BENEFITS:



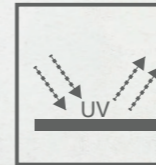
**1. DURABILITY:** **TECHNICAL STONE** WORKTOPS ARE HIGHLY DURABLE AND RESISTANT TO SCRATCHES, IMPACT, AND HEAT. THEY ARE DESIGNED TO WITHSTAND HEAVY DAILY USE, MAKING THEM SUITABLE FOR HIGH-TRAFFIC AREAS LIKE KITCHENS. **TECHNICAL STONE** IS A DENSE MATERIAL THAT IS LESS PRONE TO CHIPPING OR CRACKING COMPARED TO OTHER COUNTERTOP MATERIALS.



**2. STAIN RESISTANCE:** **TECHNICAL STONE** IS NON-POROUS, MEANING IT DOES NOT ABSORB LIQUIDS. THIS MAKES IT HIGHLY RESISTANT TO STAINING FROM COMMON HOUSEHOLD SUBSTANCES LIKE COFFEE, WINE, AND OILS. IT IS ALSO EASY TO CLEAN, AS STAINS CAN BE WIPED AWAY WITHOUT PENETRATING THE SURFACE.



**3. HEAT RESISTANCE:** **TECHNICAL STONE** IS SUITABLE FOR USE NEAR STOVETOPS AND HOT COOKING UTENSILS, SINCE IT HAS EXCELLENT HEAT RESISTANCE, THANKS ITS LOW COEFFICIENT OF THERMAL EXPANSION, AND IT CAN WITHSTAND ELEVATED TEMPERATURES WITHOUT SCORCHING OR DISCOLORATION.



**4. UV RESISTANCE:** UNLIKE SOME NATURAL STONES, **TECHNICAL STONE** IS HIGHLY RESISTANT TO UV LIGHT. THIS MEANS IT WILL NOT FADE OR DEGRADE WHEN EXPOSED TO SUNLIGHT, MAKING IT SUITABLE FOR BOTH INDOOR AND OUTDOOR APPLICATIONS SUCH AS OUTDOOR KITCHENS OR BARBECUES.



**5. HYGIENE:** THE NON-POROUS SURFACE OF **TECHNICAL STONE** INHIBITS THE GROWTH OF BACTERIA, MOLD, AND MILDEW. THIS MAKES IT A HYGIENIC CHOICE FOR KITCHEN AND BATHROOM COUNTERTOPS WHERE CLEANLINESS IS ESSENTIAL.



**6. DESIGN VERSATILITY:** **TECHNICAL STONE** IS AVAILABLE IN A WIDE RANGE OF COLOURS, PATTERNS, AND FINISHES, ALLOWING FOR GREATER DESIGN FLEXIBILITY. IT CAN MIMIC THE LOOK OF NATURAL STONE, CONCRETE, WOOD, AND OTHER MATERIALS, PROVIDING VARIOUS AESTHETIC OPTIONS TO SUIT DIFFERENT INTERIOR STYLES.



**7. ECO-FRIENDLY:** **TECHNICAL STONE** IS A SUSTAINABLE CHOICE AS IT OFTEN INCORPORATES RECYCLED MATERIALS AND UTILIZES AN ENERGY-EFFICIENT MANUFACTURING PROCESS. IT IS ALSO RECYCLABLE AT THE END OF ITS LIFE CYCLE.



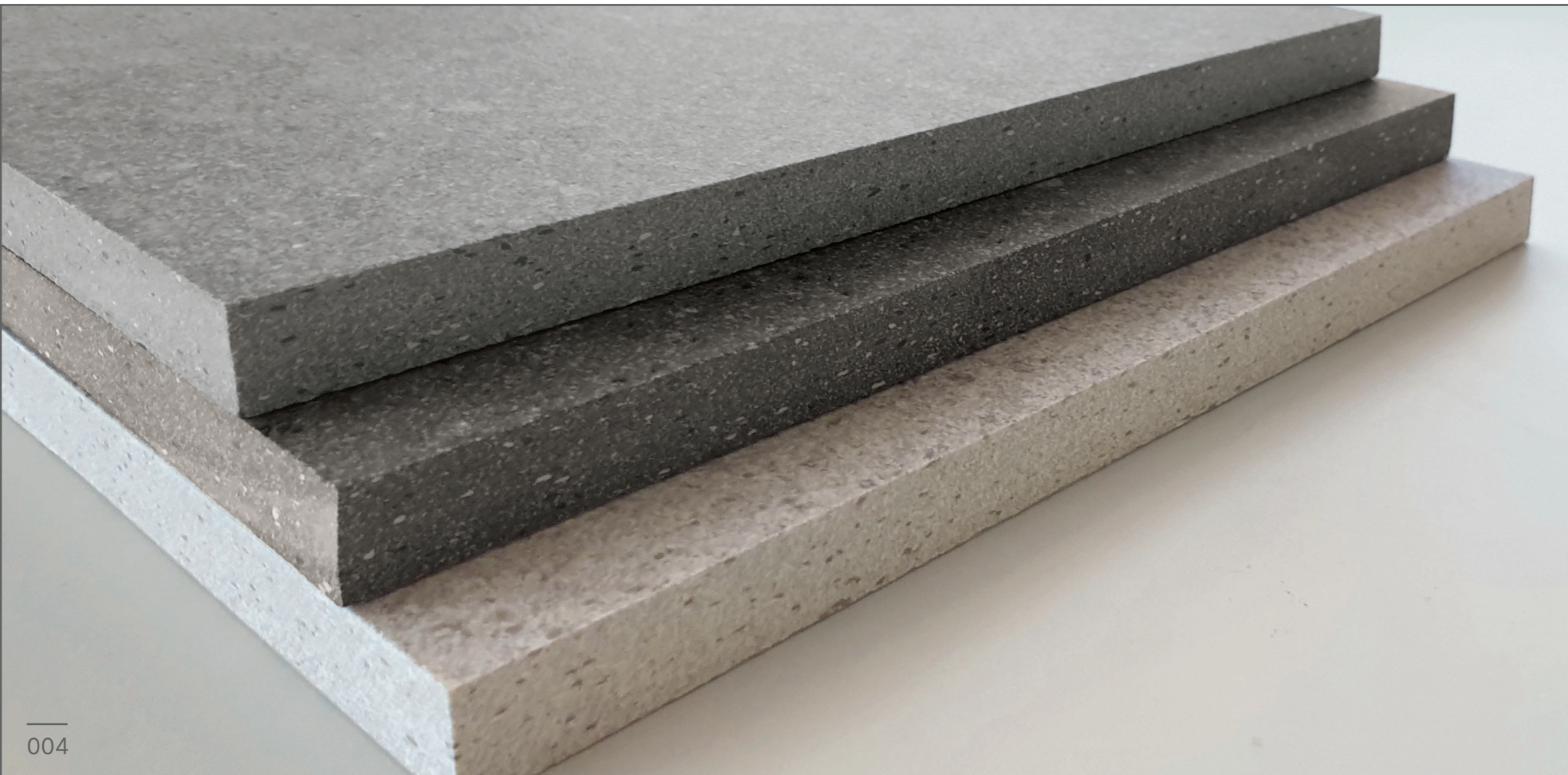
**8. LONGEVITY:** DUE TO ITS DURABILITY AND RESISTANCE TO WEAR AND TEAR, **TECHNICAL STONE** WORKTOPS HAVE A LONG LIFESPAN. THEY CAN RETAIN THEIR BEAUTY AND FUNCTIONALITY FOR MANY YEARS WITH PROPER CARE, REDUCING THE NEED FOR FREQUENT REPLACEMENTS AND SAVING COSTS IN THE LONG RUN.



## CARVED TECHNOLOGY

NATURAL MATERIALS SUCH AS MARBLE AND STONE HAVE RELIEFS ON THEIR SURFACE DISPLAYED IN BOTH TEXTURE AND GRAPHICS.

**CARVED TECHNOLOGY** ACHIEVES THE UTMOST REALISM BY GIVING TILES A VERY NATURAL LOOK THROUGH THE SYNCHRONIZED BAS-RELIEF EFFECT OF INDENTED VEINS.

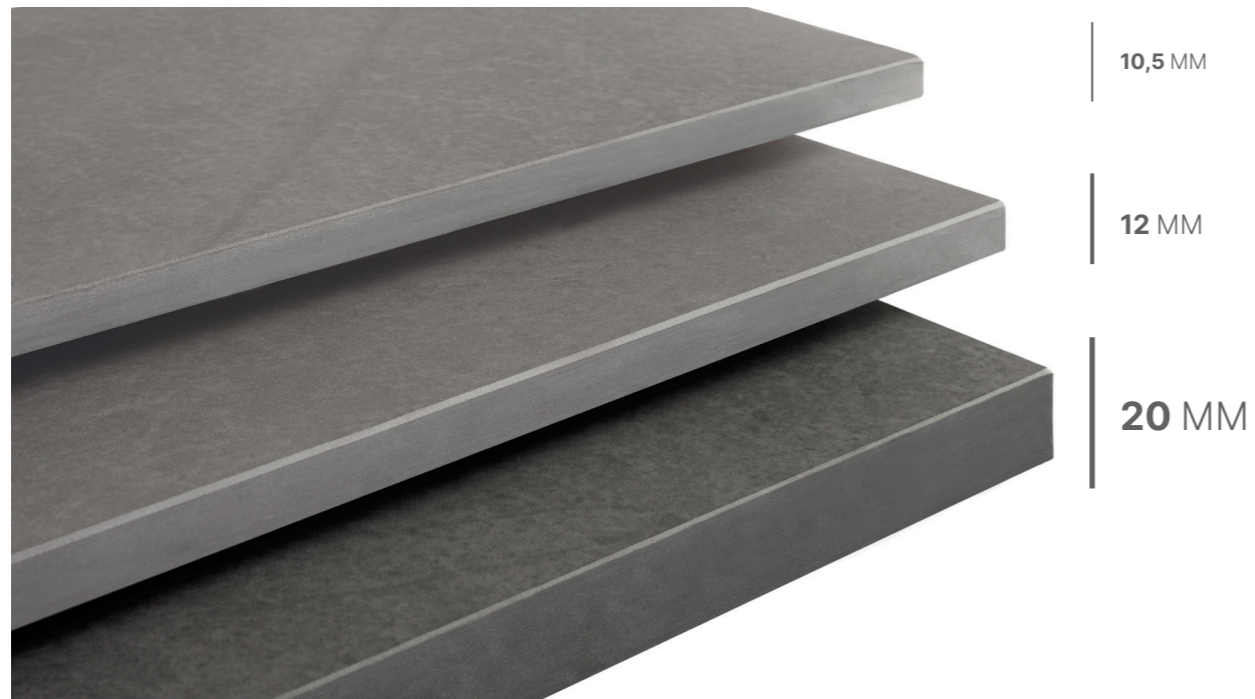


## FULL BODY TECHNOLOGY

THE NEW **FULL BODY TECHNOLOGY** ENSURES CONTINUITY BETWEEN SURFACE, EDGE AND BODY, RESULTING IN TOTALLY NATURAL-LOOKING PIECES.

# THE VERSATILITY OF COVERLAM TOP

## 3 THICKNESSES



## 3 FORMATS



1000x3000 MM



810x3240 MM




1620x3240 MM

THICKNESS	FORMAT		
	1620x3240 mm	810x3240 mm	1000x3000 mm
10,5mm			•
12mm	•	•	
20mm	•		

# THE VERSATILITY OF COVERLAM TOP

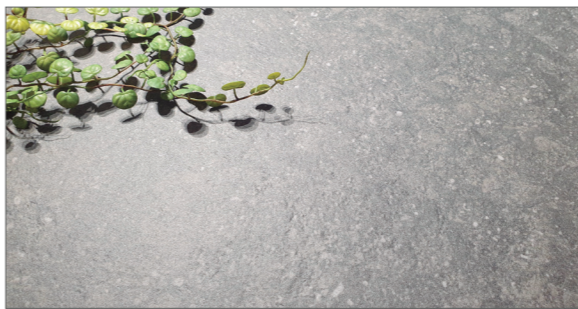
## 8 FINISHES



**POLISHED**   
SUPERIOR POLISHED SURFACE THAT EXUDES EXCLUSIVITY.




**METALLIC TOUCH**   
UNIQUE METALLIC EFFECT BOASTING A BLEND OF BOTH GLOSS AND MATTE FINISHES.



**STRUCTURED**   
SUBTLE RELIEF SURFACE THAT PROVIDES THE NATURALNESS OF CERTAIN MATERIALS.




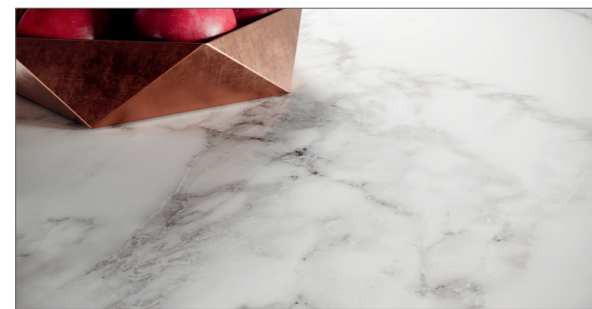
**BRUSHED**   
INSTINCTIVE TEXTURE THAT SIMULATES THE BEAUTY OF A NATURAL WOOD SURFACE.



**HAMMERED**   
CHARACTERISTIC RELIEF FINISH THAT EVOKES THE BENEFITS OF THIS SPECIFIC STONE EFFECT.




**NATURAL**   
MATTE FINISH WITH A VERY NATURAL APPEARANCE.



**SILK POLISHED**   
VERY SOFT FINISH, WITH A SUBTLE SHINE AND VELVETY TOUCH.



**SOFT**   
SILKY SURFACE WITH A LIGHT GLAZE GIVING A SOFTER TOUCH.

# GRESPANIA

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