



DISCOVER

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A C T I V E

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T E N A X  
S A N I F I C A T I O N  
P R O G R A M



TENAX PRESENTS

# A C T I V E

## TENAX SANIFICATION PROGRAM



### STEP I

#### **ANALYSIS OF PROCESS WATER**

(activity by the customer)

Definition by TENAX of a protocol for the analysis of process water, aimed at ascertaining the level of micro-organism contamination, with particular attention to the strains considered responsible for stains.

The analysis, treatment and maintenance of process water is strongly recommended during all the stages of the process chain:

- **Cutting**
- **Slab processing**
- **Realisation of the finished product**

### STEP II

#### **SANIFICATION OF PROCESS WATER AND MONITORING**

(activity by the customer)

Sanification of process water for the reduction of micro-organisms, with particular attention to the strains considered responsible for stains.

Implementation of a program for the regular monitoring of process water.

### STEP III

#### **ACTIVE: VERY LOW YELLOWING EPOXY SYSTEM**

(CERTIFIED TENAX product)

Maximum purity and transparency and minimum yellowing under sunlight are combined in a latest-generation epoxy system, specifically conceived and certified antibacterial.

*Method:*

*The test, completed in accordance with the ISO 22196:2011 standard, consists in measuring the reduction of the concentration of inoculated micro-organisms in contact with the surface of the product being tested, using the two strains indicated in the regulations and a third strain, considered among those responsible for the formation of coloured stains.*



# CERTIFIED PERFORMANCE

## TENAX INTRODUCES ACTIVE, THE WORLD'S MOST COMPLETE AND ADVANCED TENAX PROGRAM OF PRODUCTS FOR THE SANIFICATION, PROCESSING AND PROTECTION OF NATURAL STONE.

In order to find a definitive solution  
to colour change and the issue of abnormal stains on natural materials,  
TENAX has perfected a complete sanification program consisting of:

> **A specific range of products certified as antibacterial by the ECAMRICERT laboratory of Vicenza.** The antibacterial action is guaranteed **for both the two strains indicated by the ISO 22196:2011 standard** - a Gram negative bacteria (*Escherichia coli* ATCC 8739) and a Gram positive bacteria (*Staphylococcus aureus* ATCC 6538) -, and for a third strain (*Pseudomonas aeruginosa*, Gram negative ATCC 9027) , which represents the **family of micro-organisms considered responsible for the formation of coloured stains.**

> **A range of activities, to be carried out by the customer, following the list of the operational steps of the program.**

TENAX supports its own customers during these activities with appropriate protocols, and contacts with the best laboratories.



## STEP IV

### ACTIVE: SPECIAL END-OF-LINE SANIFICATION TREATMENT

(CERTIFIED TENAX product)

TENAX has developed an innovative range of products specific for end-of-line applications, to reduce the possibility of microorganisms finding fertile ground to proliferate in processing residues, in the post-resin phase, thus ensuring a high degree of safety.

Three different ANTIBACTERIAL SURFACE TREATMENTS are available:

- POLICARE NEUTRAL
- POLICARE REVITALISING
- ACTIVE

## STEP V

### EXCLUSIVE PRODUCTS FOR EXTRAORDINARY MAINTENANCE

(TENAX product)

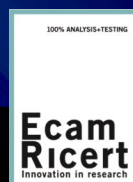
The ACTIVE programme is completed by a TENAX product range dedicated to ordinary and extraordinary maintenance. The use of products specifically designed for the care of natural stone makes it possible to eliminate even the most stubborn dirt, to safeguard the stone's beauty and ensure the safety of sanitised cleanliness.

## CERTIFICATES

In order to guarantee that its activities are always of the best quality, TENAX entrusts the certification of products and production processes to the most important international bodies.

- TENAX quality and organisation are certified in compliance with the UNI EN ISO 9001:2008 standard
- The internal TENAX laboratory is accredited by M.I.U.R. (Ministry of University and Research)
- All TENAX products are supplied with technical and safety data sheets that indicate the correct methods of use to ensure the correct levels of performance and efficacy

**The use of TENAX ACTIVE products in conjunction with the activities of the customer helps minimise colour changes and abnormal stains caused by *Pseudomonas aeruginosa* strain micro-organisms, considered responsible for coloured stains. TENAX ACTIVE products have been tested by the ECAMRICERT laboratory, Vicenza - ITALY.**



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## KNOW-HOW

Over 60 years of operations and qualified experience in stone, ceramics and quartz processing.



## PRODUCT RANGE

Tenax offers a range of products for specific contractor and developer needs.



## FIELDS OF APPLICATION

Tenax, latest generation solutions for hotels, malls, airports and stations, offices and residential buildings.



## RESEARCH AND DEVELOPMENT

Innovative, advanced quality and highly customised solutions.



## CUSTOMER SERVICE

Service and training are our strengths.



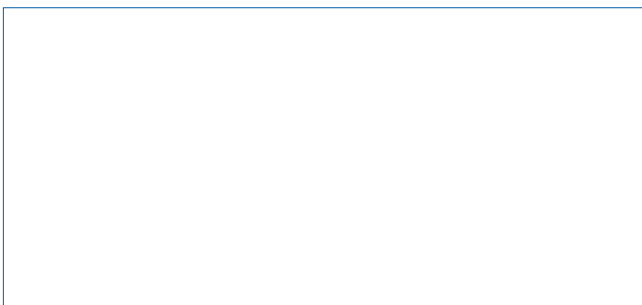
## NETWORK

Thanks to a widespread network, Tenax operates throughout the world, dynamically adapting to local needs.



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### TENAX Spa

Via I Maggio, 226/263  
37020 Volargne (VR) Italy  
P +39 045 6887593  
tenax@tenax.it