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# Thermaissance's fabrics prove effective against TB

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**Thermaissance masks contain natural microbial agents that continuously destroy various bacteria and viruses as soon as it comes in contact with the masks**



Mumbai-based startup Thermaissance has been able to successfully kill Mycobacterium tuberculosis bacteria with its innovative fabrics. A study conducted at SASMIRA, an ISO 17025 certified NABL Lab in India, has shown that even after 14 days of incubation Thermaissance fabrics continued to show large zones of inhibition against TB, thereby indicating superior performance against TB bacteria.

Thermaissance masks are scientifically proven to inactivate 99.99 per cent of coronavirus, gram positive bacteria, gram negative bacteria and highly resistant bacteria like MRSA, VRE, CRE and Mycobacterium tuberculosis. These masks are also anti-fungal and have shown to be effective against mucor species that commonly cause black fungus infections.

When tuberculosis bacteria comes in contact with the surface of Thermaissance mask, Thermaissance’s proprietary technology penetrates the bacterial membrane, rupturing it, thereby hindering its ability to survive and eventually killing it. Self-sanitizing masks of Thermaissance are reusable for 150 gentle washes and do not require any special handling. These masks do not contain any harmful chemicals like formaldehyde and aniline.