

Mark Finn

Laboratory Installation Specialists

For over 30yrs

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WORK TOP COMPARISONS

TRESPA BASE

Chemical resistance

Trespa Base has a good resistance to organic solvents such as acetone, toluene, xylene and similar substances. The panel is also resistant to disinfectants and detergents, food juices and dyes. These affect neither the properties nor the appearance of the panel.

Trespa Base worktops are available in 16mm (standard) and 20mm (special order) thickness.

IMPACT RESISTANT

The combination of a solid, homogenous core with a hard surface based on melamine resins gives Trespa Base exceptional impact resistance. This is confirmed by its day-to-day practical use as wall cladding in public rooms and rooms susceptible to vandalism, sanitary cubicles or as bumper rails in hospital corridors.

Scratch and Wear Resistant

The special surface structure and durability provide excellent scratch resistance. Even in heavy-duty use, Trespa Base retains its appearance for a very long time. The panel is highly resistant to wear, making it ideal for installation where heavy use and frequent cleaning are expected. Trespa Base is commonly used as office or laboratory worktop.

Moisture Resistant

Trespa Base is not adversely affected by moisture and is not susceptible to discoloration, mould or rot. Both the surface and the core are manufactured using specific, thermosetting resins, which make them impervious to moisture. The dimensional stability and workability of Trespa Base are comparable to those of hardwood.

Safe Fire Behaviour

Trespa Base is heat resistant. Due to the high density, Trespa Base ignites at relatively high temperature and carbonises in a way similar to (hard)wood. The panel material does not melt, drip or explode and retains its stability for a long period of time. Authorised testing bodies throughout the world have confirmed that Trespa Base Fire Retardant grade (FR) panels fall within one of the most favourable fire classes.

The choice to use either standard modified panels or fire-retardant modified (FR) panels depends on the nature and the intended use of the building project. National and/or regional fire regulations are decisive in this respect.

Environmental Considerations

Environmental considerations play a significant role in the development and manufacture of Trespa panels. Trespa International was one of the first producers of panel material to be certified according to ISO 14001, awarded by Lloyd's Register. The ISO 14001 standard describes the steps required for setting up, implementing, maintaining and improving a completely integrated environmental management system.

TRESPA TOPLAB PLUS

CLEAN AND STERILE SURFACES

Hygiene, cleanliness, chemical and stain resistance are key requirements. Worktops in laboratories are especially vulnerable. The material used needs to be hygienic, easy to clean and maintain, durable and flexible.

Trespa TopLab^{PLUS} – the ideal and flexible solution

Trespa TopLab^{PLUS} panels meet the requirements of most laboratories while at the same time bringing a range of additional benefits. These benefits include chemical, wear and water resistance.

Chemical resistance

Used extensively in chemical, analytical, micro-biological and educational laboratories world-wide, Trespa TopLab^{PLUS} is resistant to a large number of aggressive chemicals. Test results (see separate Trespa TopLab^{PLUS} test datasheet) show the panel's 24 hour resistance. Aggressive chemicals will not mark a Trespa TopLab^{PLUS} surface - if cleaned within this time period.

Antimicrobial performance

Thanks to its unique surface composition, Trespa TopLab^{PLUS} is non porous. Its anti-microbial properties are incorporated in the product without the use of coatings or additives. This means that these properties will remain active throughout the product's lifetime. Bacteria, molds and/or other microorganisms are unable to grow or penetrate the surface. Bacteria stains will dry relatively fast on the surface – and will not find any source of nutrition on the material.

Durability

Trespa TopLab^{PLUS} is ideal for a multi-functional environment. Trespa TopLab^{PLUS} worktops are versatile and provide a tough and long-lasting surface that retains its appearance for many years. Used as part of a mobile and flexible environment, Trespa TopLab^{PLUS} delivers added strength to any laboratory or lecture room. The material's impact resistance makes it suitable for use in mobile furniture, i.e. trolleys.

Trespa TopLab^{PLUS} - a sustainable and green product

Environmental considerations play a significant role in the development and manufacture of Trespa TopLab^{PLUS}. For the production of Trespa TopLab^{PLUS} panels, Trespa uses a method for converting softwood from certified forests into an attractive, durable, moisture resistant and low maintenance material. Trespa TopLab^{PLUS} is an environmentally sound solution for laboratory worktop applications both today and tomorrow.