LABGRADE PRODUCT RANGE

16MM COMPACT GRADE HIGH PRESSURE LAMINATE
PLAIN COLOURS • SPECKLED EFFECTS • LARGE SHEET SIZES
RESISTANT TO CHEMICALS / HEAT / IMPACT AND ABRASION
WHAT IS LABGRADE?

Labgrade comprises a 16mm solid black core with a chemical resistant decorative High Pressure Laminate finish, offering a hard wearing durable and attractive solution for use in sterile and hygienic environments.

THE ADVANTAGES OF LABGRADE

Labgrade’s non-porous fabrication and edging make it ideally suited for use in areas of high moisture and humidity because its solid core construction means there is no risk of peeling, cracking or delamination.

Labgrade is particularly recommended for use in heavy duty working areas such as in schools, hospitals and industrial laboratories or in any application where chemical, impact and scratch resistance is required.

PHYSICAL AND MECHANICAL PROPERTIES

The Labgrade Collection of print HPL compact grade laminate is manufactured in the most modern factory in Europe and conforms to all the requirements of BS EN 438:2. Compact grade laminate offers a hardwearing and impact resistant surface coupled with a functional and decorative finish.

Labgrade’s specially formulated decorative surface is designed to resist damage caused by most laboratory chemicals. It is available in eight plain colours and five speckled effects in Finish SEI – a fine grained texture featuring a low-glare surface with a resistance to finger marks. The easy-to-clean surface is complemented by a solid black core providing a smooth decorative edge which resists the ingress of dirt and bacteria.

CLEANING AND MAINTENANCE

Labgrade will give years of excellent service provided a few simple guidelines are followed:

Light dirt or stains can be removed easily with warm water and mild detergent. Stubborn marks should be removed using a non-abrasive cream cleaner or mild domestic bleach. Harsh abrasives or scouring powders should be avoided. Grease marks can be removed with white spirit. More permanent marks such as ball-point pen, spirit marker and aerosol spray paint can usually be removed using over the counter paint and graffiti removers. Strong chemicals such as caustic alkalis and concentrated mineral acids should not be allowed to remain in contact with the surface for extended periods.

We strongly recommend that all ABET LAMINATI HPL products are stored, conditioned and fabricated in accordance with both our own and BLFA guidelines.
LABGRADE IS RESISTANT TO:

Labgrade is resistant to the following substances and reagents. These substances do not change the appearance of the surface of the laminate even after prolonged contact.

- Tertiary
- Secondary
- Primary

**Alcohols**
- Primary
- Secondary
- Tertiary

**Alddehydes**

**Aluminium sulphate**

**Amides**

**Amines**

**Ammonium chloride**

**Ammonium sulphide**

**Ammonium thiochloride**

**Amyl acetate**

**Amyl alcohol**

**Aniline**

**Animal fats**

**Animal feedstock**

**Arabinose**

**L-Ascorbic acid (vitamin C)**

**Asparagine**

**Aspartic acid**

**Baking yeast**

**Barium chloride**

**Barium sulphate**

**Benzenaldehyde**

**Benzene**

**Benzidine**

**Benzonic acid**

**Bipolar**

**Blood**

**Blood group test Seren**

**Boric acid**

**Butyl acetate**

**Butyl alcohol**

**Cadmium acetate**

**Cadmium sulphate**

**Calcium carbonate (chalk)**

**Calcium chloride**

**Calcium hydroxide**

**Calcium oxide**

**Calcium nitrate**

**Cane sugar**

**Carbol xylene**

**Carboxic acid**

**Carbon tetrachloride**

**Castor oil**

**Cu SODIC**

**Cement**

**Chloral hydrate**

**Chloroform**

**Cholesterole**

**Citric acid**

**Coal**

**Cocaine**

**Coffee**

**Caffeine**

**Cooking salt**

**Copper sulphate**

**Cosmetics**

**Cresol**

**Cresylic acid**

**Cyclo hexane**

**Cyclo hexanol**

**Detergents**

**Dextrose**

**Digintonine**

**Dimethyl formamide**

**Dioxane**

**Dulcite**

**Dyes, paints**

**Dimethyl sulfoxide**

**Earth**

**Esters**

**Ethanol**

**Ethers**

**Ethyl acetate**

**Ethylene chloride**

**Formic acid up to 10%**

**Fructose**

**Gelatin**

**Glacial acetic acid**

**Glucose**

**Glycerine**

**Glycol**

**Glycol**

**Graphite**

**Gypsum**

**Heparine**

**Heptanol**

**Hexane**

**Hydrogen peroxide 3%**

**Hydroquinone**

**Ink**

**Lead acetate**

**Lead nitrate**

**Leucine**

**Lipsstick**

**Lithium hydroxide up to 10%**

**Lithium carbonate**

**Manganese carbonate**

**Magnesium carbonate**

**Magnesium chloride**

**Magnesium hydroxide**

**Magnesium sulphate**

**Maltose**

**Mannose**

**Methenyl chloride (dichloromethane)**

**Mercury**

**Methanol**

**Milch**

**Mineral oils**

**Mineral salts**

**Nail lacquer**

**Nail lacquer remover**

**Nickel sulphate**

**Nicotine**

**Nonne-Apet reagent**

**Octanol (octylalcohol)**

**Ointments**

**Oleic acid**

**Olive oil**

**Organic solvents**

**4-nitro phenol**

**Pandy's reagent**

**Paraffins**

**Paraffin oils**

**Pentanol**

**Peptones**

**Perchloric acid**

**Petroleum ether**

**Phenolphthalein**

**Phenol & phenolic derivatives**

**Polishes (creams and waxes)**

**Potassium aluminium sulphate**

**Potassium bromate**

**Potassium bromide**

**Potassium carbon dioxide**

**Potassium carbonate**

**Potassium chloride**

**Potassium hexacyanoferrate**

**Potassium hydroxide up to 10%**

**Potassium iodate**

**Potassium iodide**

**Potassium nitrate**

**Potassium peroxidosulphate**

**Potassium thiosulphate**

**Potassium trichloracetate**

**Potassium trichloroacetate**

**Potato starch**

**Potter's reagent**

**Propanol**

**1,2-propylene glycol**

**Pyridine**

**Quinine**

**Raffinose pentahydrate**

**Rhamnose monohydrate**

**Rochelle salt**

**Sacharose**

**Salicylic acid**

**Salicylaldehyde**

**Saponine**

**Soap**

**Sodium acetate**

**Sodium bicarbonate**

**Sodium cholate**

**Sodium chlorate**

**Sodium citrate**

**Sodium diethyldithiocarbamate**

**Sodium hydrogen carbonate**

**Sodium hydroxide**

**Sodium hypochlorite**

**Sodium nitrate**

**Sodium phosphate**

**Sodium silicate**

**Sodium sulphate**

**Sodium sulphide**

**Sodium sulphite**

**Sodium thiosulphate**

**Sodium sesquisulphate**

**Sodium stearate**

**Sorbit**

**Standard acetate solution**

**Standard agar nutrient**

**Standard I-agar nutrient**

**Standard II-agar nutrient**

**Standard I-bouillon nutrient**

**Standard II-bouillon nutrient**

**Starch**

**Starch common salt solution**

**Stearic acid**

**Styrene**

**Sugar and derivatives**

**Sulphur**

**Talcum**

**Tannin**

**Tartric acid**

**Tartaric acid**

**Tea**

**Terpentine**

**Tetra hydrofuran**

**Tetraline**

**(tetrahydronaphtalene)**

**Thiourea**

**Thymol**

**Thymol buffer solution**

**Toluidine**

**Trehalose**

**Trichlorethylen**

**Tris**

**Tryptophane**

**Trypsine**

**Urease**

**Uric acid**

**Urea**

**Urine**

**Vanilline**

**Vaseline**

**Water and water colours**

**Xylene**

**Yeast**

**Zinc chloride**

**Zinc sulphate**
ABOUT ABET LAMINATI:

Abet Laminati manufactures the world’s most innovative laminates created by the best Italian and international designers.

ABET LTD was established in 1981 and is the UK & Ireland branch of ABET LAMINATI. The company has extensive warehouse and offices in London’s Docklands.

ABET LAMINATI is one of the world’s leading manufacturers of decorative laminate. From 1957, the company has grown rapidly. The prestigious awards obtained in recent years such as the “Compasso d’Oro” in 1987, the European Design Award in 1990 and the “Compasso d’Oro alla Carriera” in 2001, attest to the goals reached by the company whose commercial network is now very This includes 7 subsidiaries which operate in Italy plus 13 commercial companies and agencies in over 90 countries.

The output from their two factories exceeds 220,000 sq metres each day making Abet Europe’s largest manufacturer of high pressure laminates.

ABET LAMINATI has always focused strongly on creativity and innovation in laminate manufacture. It is this design-led approach, coupled to strong links with the best Italian and International designers, that enables Abet to offer such a diverse range of laminates and such a comprehensive range of colours, styles and textures.

ABET LAMINATI has carried out extensive research to develop the technique for digital printing into laminate.

ABET LTD is proud to be a member of NBS Plus to help facilitate the accurate specification of our products. More details can be found on the website.

ABET LAMINATI has a strict environmental policy and is certified to EN 14001. A copy of the company’s environmental statement can be found on the website.

For further information on the following, please go to the websites at www.abetuk.com or www.abet.ie

- Technical / Environmental / Cleaning
- Product ranges
- Case studies / projects
- Contact details
- Worldwide branches / agents

Samples and technical information are available from our sample line on 020 7473 6915