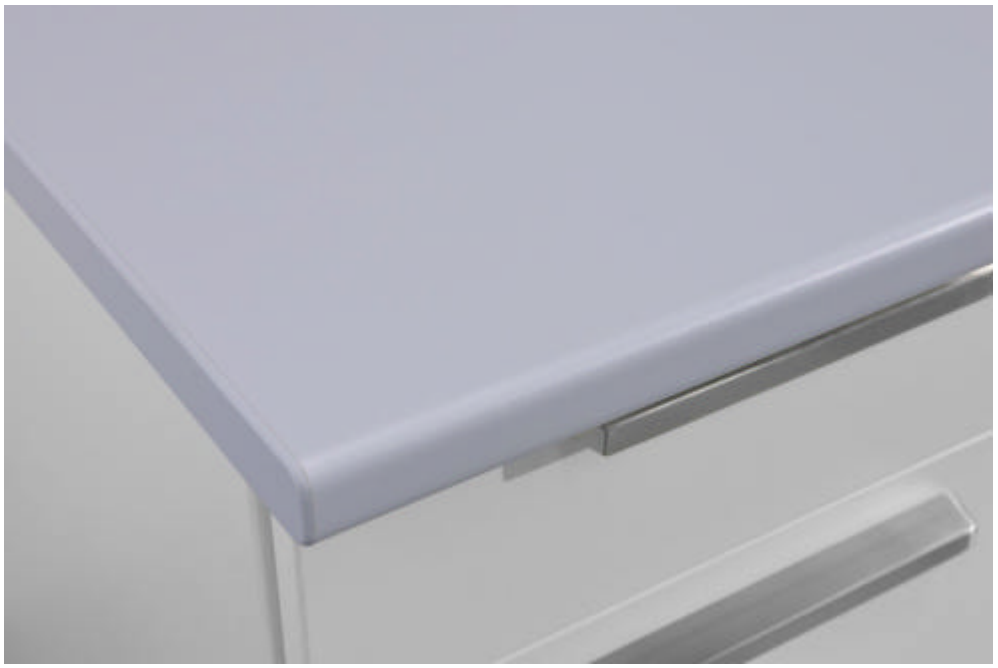
Scheda tecnica prodotto n° W022

Piano di lavoro in laminato HPL postformato



Struttura

Strato superficiale: laminato HPL, postformato con spessore 1.0 mm
Supporto interno: in pannelli di fibra di legno classe E1, spessore 28 mm
Bordi laterali: in polipropilene, spessore 3 mm con spigoli arrotondati e colore in tinta con la superficie di lavoro

Resistenza ai principali composti chimici

Sostanze che non provocano alterazione della superficie anche dopo un lungo periodo (16 ore come da EN 438).

Sostanza	Formula chimica	Sostanza	Formula chimica
A-naphthaline	C10H7NH2	Ascorbic acid	C6H8O6
A-naphthole	C10H7OH	Asparagic acid	C4H7O4N
Acetic acid	CH3COOH	Aspargine	C4H8O3N2
Acetic acid ethyl ester	CH3COOC2H5	Barium chloride	BaCl2
Acetic acid iso-amyl ester	CH3COOC5H11	Barium sulphate	BaSO4
Acetone	CH3COCH3	Benzaldehyde	C6H5CHO
Alcoholic beverages	ROH	Benzene	C6H6
Alcohols (any)	ROH	Benzidine	NH2C6H4C6H4NH2
Aldehydes	RCHO	Benzonic acid	C6H5COOH
Alum solution	KAI(SO4)3	Blood group test Sera	
Aluminium sulphate	Al2(SO4)3	Boric acid	H3BO3
Amides	RCONH2	Butyl acetate	CH3COOC4H9
Amines (any)		Butyl alcohol	C4H9OH
Ammonia	NH4OH	Cadmium acetate	Cd(CH3COO)2
Ammonium chloride	NH4CL	Cadmium sulphate	CdSO4
Ammonium sulphate	(NH4)2SO4	Calcium Carbonate (chalk)	CaCO4
Ammonium thiocyanate	NH4SCN	Calcium chloride	CaCl2
Amyl acetate	CH3COOC5H11	Calcium hydroxide	Ca(OH)2
Amyl alcohol	C5H5NH2	Calcium oxide	CaO
Arabinose	C5H10O5	Calcium nitrate	Ca(NO3)2

Resistenza ai principali composti chimici

Sostanza	Formula chimica
Cane sugar	C12H22H11
Carbol-xylene	C6H5OH-C6H4(CH3)2
Calbolic acid	C6H5OH
Carbon tetra chloride	CCl4
Caustic soda up to 10%	NaOH
Chloral hydrate	CCl3CH(OH)2
Chlorobenzene	CHCl3
Cholesterol	C27H45OH
Citric acid	C6H8O7
Cocaine	C17H21O4N
Cooking salt	NaCl
Copper sulphate	CuSO4
Cresol	CH3C6H4OH
Cresylic Acid	CH3C6H4COOH
Cyclo hexane	C6H11OH
Digitionine	C56H92O29
Dimethyl fornamide	HCON(CH3)2
Dioxane	C4H8O2
Dulcite	C6H14O6
Dimethyl sulphoxide	(CH3)2SO
Ester (any)	RCOOR'
Ether (any)	ROR'
Ethyl acetate	CH3COOC2H5
Ethylene chloride	CH2:CCl2
Formaldehyde	HCHO
Formic acid up to 10%	HCOOH
Glacial acetic acid	CH3COOH
Glucose	C6H12O6
Glycerine	CH2OH CHOH CH2OH
Glycocol	NH2CH2COOH
Glycol (any)	HOCH2 CH2OH
Graphite	C
Gypsum	CaSO4 2H2O
Heptanol	C7H15OH
Hexane	C6H14
Hexanol	C6H13OH
Hydrogen peroxide 3%	H2O2
Hydroquinone	HOC6H4OH
Inorganic salts and their mixtures (exception No 4.2.)	
Inosite	C6H6(OH)
Iso-propanol	C3H6OH
Ketone (any)	RCR
Lactic acid	CH3CHOHCOOH
Lactic sugar	C12H22O11
Lactose	C12H22O11
Lead acetate	Pb(CH3COO)2
Lead nitrate	Pb(NO3)2
Levulose	C6H12O6
Lithium Hydroxide up to 10%	LiOH
Lithium carbonate	Li2CO3
Magnesium carbonate	MgCO3
Magesium chloride	MgCl2
Magnesium hydroxide	Mg(OH)2
Magnesium sulphate	MgSO4

Sostanza	Formula chimica
Maltose	C12H22O11
Mannite	C6H14O6
Mannose	C6H12O6
Methylene chloride	CH2CL2
Mercury	Hg
Mesoinosite	C6H6(OH)6
Methanol	CH3OH
Nickel sulphate	NiSO4
Nicotine	C10H14N2
Octanol (Octylacohol)	C6H17OH
Oleic acid	CH3(CH2)7CH:CH(CH2) 7COOH
P-amino aceto-phenone	NH2 C6H4COOCH3
P-nitro phenol	C6H4NO2OH
Paraffin	CNH2n+2
Pentanol	C5H11CH
Percaulic acid	HCLO4
Phenolphthaleine	C20H14O4
Phenol & phenolic derivates	C6H5OH
Potassium aluminium sulphate	KAI(SO4)2
Potassium bromate	KBr
Potassium bromide	KBrO3
Potassium carbonate	K2CO3
Potassium chloide	KCl
Potassium hexa cyano ferrate	K4[Fe(CN)6]
Potassium hydroxide up to 10%	KOH
Potassium iodate	KlO3
Potassium nitrate	KNO3
Potassium sodium tartrate	KNaC4H4O6
Potassiom sulphate	K2SO4
Potassium tartrate	K2C4H4O6
Propanol	C3H7OH
2.1.-propylene glycol	CH3CHOH2OH
Pyridine	C5H5N
Rafinose	C18H32O15 5H20
Rhamnose	C6H12O5 H20
Salicyclic acid	C6H4OHCOOH
Salicylic aldehyde	C6H4OH CHO
Sodium acetate	CH3COONa
Sodium b-sulphate	NaHSO3
Sodium carbonate	Na2CO3
Sodium chloride	NaCl
Sodium citrate	Na3C6H5O7 5H20
Sodium di-ethyl-barbitirate	NaC8H11N2O3
Sodium hydrogen carbonate	NaHCO3
Sodium hypo-sulphite	Na2S2O4
Sodium nitrate	NaNO3
Sodium phosphate	Na3PO4
Sodium silicate	Na2SAiO3
Sodium sulphate	Na2SO4

Resistenza ai principali composti chimici

Sostanza	Formula chimica
Sodium sulphide	Na2S
Sodium sulphite	Na2SO3
Sodium tartrate	Na2C4H4O6
Sodium Thio Sulphate	Na2S2O3
Sorbite	C6H14O6
Stearic acid	C17H35COOH
Styrene	C6H5 CH:CH2
Sugar and sugar derivatives	H22O11
Sulphur	S
Talcum	3Mg0,4SiO2, H2O
Tannin	C76H52O46
Tartaric acid	C4H8O6
Tetra hydro furan	C4H8O
Tetraline	C10H12
Thio-urea	NH2CSNH2
Thymol	C10H14O
Toluene	C6H5CH3
Trehalose	C12H22O11
Trichorethylene	CHC1:COl2
Tryptophane	C11H12O2N2
Uric acid	C5H4N4O3
Uric acid solution	CO(NH2)2
Vanilline	C8H8O3
Xylene	C6H4(CH)2
Zinc chloride	ZnCl2
Zinc sulphate	ZnSO4

Sostanze che non provocano alterazione della superficie se rimosse entro 10-15 minuti.

Sostanza	Formula chimica
Aluminium chloride	AlCl3
Amido-sulphonic acid up to 10%	NH2SO3H NH2SO3H
Ammonium hydrogen Sulphate	NH4 HSO4
Arsenic acid up to 10%	H3AsO4
Caustic soda in concentration	NaOH > 10%
Crystal violet (gentian violet)	C24H26N3Cl
Ferric chloride	FeCl3
Ferrous chloride	FeCl2
Fuchsine	C19H19N3O
Hydrochloric acid up to 10%	HCl
Hydrogen peroxide 3-30%	H2O2
Inorganic acids up to 10%	
Iodine	I2
Lithium hydroxide over 10%	LiOH
Mercuric chloride solution	HgCl2
Mercuric di-chromate	HgCr2O7
Methylene blue	C16H16N3CIS
Million reagent	OHg2NH2Cl
Nitric acid up to 10%	HNO3
Oxalic acid	COOH COOH

Sostanza	Formula chimica
Phosphoric acid up to 10%	H3PO4
Picric acid	C6H2OH(NO2)3
Potassium chromate	K2CrO4
Potassium di-chromate	K2Cr2O7
Potassium hydrogen Sulphate	KHSO4
Potassium hydroxide in	KOH > 10%
Potassium iodine	KI
Potassium permanganate	KMnO4
Silver nitrate	AgNO3
Sodium hydrogen sulphate	NaHSO4
Sodium hypo-chlorite	NaOCl
Sulphuric acid up to 10%	H2SO4

Resistenza ai principali composti chimici

Sostanze che alterano irrimediabilmente la superficie e che quindi devono essere rimosse immediatamente.

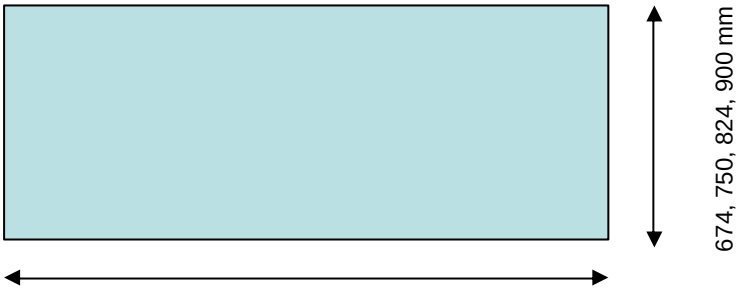
Sostanza	**Formula chimica**
Amido sulphonic acid*	NH2SO3H
Inorganic acids* eg	
Aqua regia*	HNO3 + HCl = 1:3
Arsenic acid	H3AsO4
Chrome – sulphuric acid*	K2Cr2O7 + H2SO4
Formic acid*	HCOOH
Hydrochloric acid*	HCl
Hydrofluoric acid*	HF
Hydrogen bromide*	HBr
Nitric acid*	HNO3
Phosphoric acid*	H3PO4
Sulphuric acid*	H2SO4

* in concentrazione superiore al 10%

Caratteristiche meccaniche

Test	**Risultato**	**Norma di riferimento**
Resistenza all'urto (N)	> 20	EN 438-2
Resistenza all'usura WR (U)	>350	EN 438-2
Resistenza ai graffi (classe)	minimo 3	EN 438-2
Resistenza al calore secco 180°C (classe)	minimo 4	EN 438-2
Resistenza al calore umido 100°C	minimo 4	EN 13986
Resistenza al fuoco	Standard classe D-s2,dO (su richiesta viene fornito il prodotto in classe 1)	DIN EN 13151-1 CWFT
Classe di emissione di formaldeide	E1	EN 717-1

Dimensioni



Spessore complessivo del piano: 30 mm

Altre caratteristiche

Il bordo frontale del piano e' arrotondato (postformatura). In alternativa e' possibile richiedere la versione con bordo frontale verticale protetto con profilo in PP di spessore 3 mm.

Impieghi consigliati

Questa superficie di lavoro e' indicata principalmente per l'impiego in zone scrittura.