PRESOVANA PLUTA

Presovana pluta je složeni aglomerat određenog granulata plute i specijalnog vezivnog sredstva. Pluta ima ćelijastu strukturu, sa više od 50% vazduha u ćelijama. Svaka ćelija je u kontaktu sa 14 susednih ćelija, a zbog nedostatka kapilarnosti, ne apsorbuje vlagu. Osušena pluta je lagan, porozan materijal, koji se lako kompresuje. To je jedna od najlakših čvrstih supstanci, čija je specifična težina 0,15 - 0,20 g/cm^3. Pluta ima slabu toplotnu provodljvost. Ugljenisanje plute počinje na temperaturi od 121 °C, ali se teško zapali u prisustvu plamena. Topla je na dodir, trajno elastična i daje mekoću gaženja.

PROIZVOD	OBLAST PRIMENE	NAMENA
Presovana pluta **-specijal** (sitna granulacija)	Medicina, vinarstvo i elektroindustrija	Za ortopedska pomagala, zatvarače za flaše i antivibraciju
Presovana pluta **-standard**(krupna granulacija)	Građevinarstvo,tapetarstvo, mašinska i elektro industrija	Za termo-zvučnu izolaciju, dekoraciju i antivibraciju

Tehničke karakteristike

-koeficijent toplotne provodljivosti 0,0372 $W \cdot m^{-1} \cdot K^{-1}$
-koeficijent zvučne apsorpcije 0,05 – 0,25
-dinamički modul elastičnosti 600 x 10^3 N/m^2
-zvučna izolacija – sloj od 3mm presovane plute smanjuje buku za 19 db

Uputstvo za upotrebu

Presovana pluta - specijal, presovana pluta – standard lepi se na razne podloge: beton, drvo, metal, ivericu, produženi malter, lesonit itd. Podloga na koju se lepi pluta mora biti dobro očišćena i suva. Na podlogu i na plutu nanosi se lepilo četkom, sačeka se 10 minuta (da se lepilo osuši) a zatim se vrši spajanje i presovanje odgovarajućim valjcima. i to od sredine ka krajevima da se ne bi blokirao vazduh. Lepljenje se vrši i sa lepilom ''Syntelan'' a potrošnja je od 300-400 g/m^2

Način isporuke

Presovana pluta se isporučuje u tablama dimenzija 1000 x 500 mm, debljine od 1-100mm

Skladištenje

U prostorijama zaštićenim od uticaja vlage i sunčeve svetlosti na sobnoj temperaturi.

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PRESSED CORK

Pressed Cork is composed agglomerate made from specific cork granulate and special bonding agent. Cork has a cellular structure, with more than 50% of air in the cells. Each cell is in contact with 14 adjoining cells, a because of lack of capillarity it doesn't absorb water. Dried cork is light, porous material that is easy to compress. It is one of the lightest hard substances, with specific weight of 0,15 - 0,20 g/cm^3. Cork has low heat conductivity. Carbonization activates at temperature of 121 °C, although it is hart to be lighted near a flame. It is warm to touch, permanently elastic and soft to wade.

PRODUCT	FIELDS OF APPLICATION	USAGE
Pressed Cork **-special** (small granulation)	Medicine, wine industry, electrical industry.	For orthopedic medical supplies, bottle taps, and anti vibration
Pressed Cork **-standard**(large granulation)	Construction industry, upholstery, mechanical and electrical industry	For thermo and sound insulation, decoration and anti vibration.

Technical characteristics

-heat conductivity coefficient 0.0372 $W \cdot m^{-1} \cdot K^{-1}$
-sound absorption coefficient 0.05 – 0.25
-dynamic module of elasticity 600 x 10^3 N/m²
-sound insulation – 3mm of pressed cork reduces noise for 19 db

Introduction for use

Pressed cork- special, pressed cork- standard can be bonded on different surfaces: concrete, wood, metal, plywood, plaster, hardboard, etc. Surface must be dry and clean. Apply the adhesive on cork as well as on the surface with brush, wait for 10 minutes for adhesive to dry and then bond it and press it with appropriate roller. Pressing should be preformed from the middle to ends, in order not to block the air. Bonding should be done with adhesive ''Syntelan'' and consumption is 300-400 g/m²

Delivery

Pressed cork is supplied in sheets dimensions 1000 x 500 mm, and 1-100mm thick

Storage

Pressed Cork should be protected from moisture and sunlight and kept at room temperature.

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