

Construction particle board „PremiumBoard MFP P5”

Product characteristics

Manufacturer	PFLEIDERER WIERUSZÓW Sp. z o.o. ul. Bolesławiecka10 98-400 Wieruszów tel. +48 62 78 33 100 fax. +48 62 78 33 105	PFLEIDERER GRAJEWO Sp. z o.o. ul. Wiórowa 1 19-200 Grajewo tel. +48 86 272 96 00 fax. +48 86 272 39 83
Product Description	Construction particle board “PremiumBoard MFP P5” - board from wood chips with melamine content from 21% to 25%; urea-formaldehyde resin bonded particle board, the flat-pressed single layer, load-bearing board for internal use in humid conditions, thickness ranging between 10 mm and 25 mm This board is also used for the production of construction MFP feather-rabbit board (milled edges to connect boards)	
Composition/ information on the components	Wood Urea-formaldehyde (UF) resin with melamine (melamine content from 21 to 25%) Hardener - water solution of the ammonium nitrate, ammonium sulphate, ammonia water, sodium salt, phosphoric acid, with urea Paraffin emulsion-type oil in water to 60% paraffin. Manufactured product is free from halogenated compounds or wood preservatives The following species according to regulation MPiPS from 06.06.2014: oak, beech, as well as waste timber are not used in production	
Storage	Product should be stored in closed and dry spaces in accordance with applicable storage instructions, health and safety and fire regulations Personal protective equipment: protective gloves	
Physical and chemical properties	Requirements provided in the PN-EN 312 board type P5 and PN-EN 13986+A1:2015 Table 2 and A.4 lay down the relevant requirements Density depends on the thickness between 500-800kg/m ³ Formaldehyde content meets the requirements of class E1	
Impact on humans	The material is intended for using as a component in building and construction indoors in humid conditions e.g. on floors and roofs based on the beams as well as sheathing of stood walls	
Transportation	The product may be transported by any transport after providing protection-against damage, moisture and displacement. The product may be safely transported when these conditions are met	
Certificates and standards	Material meets the requirements of standard PN-EN 312 “Particleboards-specifications; Requirements for load-bearing boards for using in humid conditions (Type P5)” and PN-EN 13986+A1:2015 “Wood-based panels for using in construction - Characteristics, evaluation of conformity and marking”: Table 2 and Table A.4 Hygienic Certificate of the Institute of Environmental Toxicology of Medicine in Gdańsk Certificate of Factory Production Control of Lignotesting, a.s. Declaration of Performance of producer Reaction to fire acc. to PN-EN 13501-1+A1:2010 by Fire Research Institution of the Building Research Institute in Warsaw (class D-s1, d0; C _{FL} -s1: flammable with difficulty) CoC Certificate	
Environmental impact	Waste of MFP chipboard (code "03 01 05"), under Polish law, consist of elements and properties causing they don't constitute hazardous waste. They should be classified as non-hazardous as defined in the act from 14 December 2012 (JoL 2013.21) about waste and in the ordinance by the Minister for Environment of 09 December 2014 on the waste catalogue (JoL 2014. 1923) By-products of mechanical treatment of chipboard can constitute biofuels (biomass) 1 and as such can be used as fuel in the process of recovery R1 in installation of fuel	

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