1.	Record Nr. Autore Titolo Pubbl/distr/stampa	UNINA9910687998403321 Gong Meng Engineered Wood Products for Construction London : , : IntechOpen, , 2022 ©2022
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (362 pages)
	Disciplina	674.83
	Soggetti	Woodwork Engineered wood
	Lingua di pubblicazione	Inglese
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	Sommario/riassunto	Wood is a gift from nature. It is a sustainable and renewable bio- composite material that possesses a natural ability to mitigate carbon dioxide. However, due to deforestation and climate change, it has become necessary to develop alternative building and construction materials. Engineered wood products (EWPs) such as parallel strand lumber, laminated veneer lumber, and cross-laminated timber are promising substitutions for conventional lumber products. This book presents a comprehensive overview of EWPs, including information on their classification, design, synthesis, properties, and more. It is divided into two sections: "General Overviews and Applications of EWPs" and "Recent Research and Development of EWPs". The book is a valuable reference for manufacturers, engineers, architects, builders, researchers, and students in the field of construction.