

最近の木材等の接着剤に関する文献

(2014年4月1日から2015年3月31日に発表された文献)

- ★曲げモーメントが作用するタケおよびヒノキを用いて製作した片面当て板接着継手の応力および強度
土屋善裕 (長野県長野工業高等学校), 樋口泉 (釧路工業高等専門学校)
木材学会誌 Vol. 61 No. 4 Page. 280-290 (J-STAGE) (2015)

- ★木質材料の耐久性能評価手法の確立進展と今後の課題
小島陽一 (静岡大学農学部), 足立幸司 (秋田県立大学木材高度加工研究所)
木材学会誌 Vol. 61 No. 3 Page. 178-185 (J-STAGE) (2015)

- ★API樹脂で接着したカラマツ材の接着性に及ぼす架橋剤の影響
本多琢巳 (山梨県森林総研)
山梨県森林総合研究所研究報告 No. 34 Page. 19-23 (2015)

- ★X線密度測定法の各種木質材料用接着剤への応用可能性の検討
足立健 (静岡大 農), 田中孝, 山田雅章 (静岡大 大学院)
日本木材学会中部支部大会講演要旨集 No. 24 Page. 44-45 (2014)

- ★割り箸チップによる簡易的なパーティクルボードの製作
小林大介, 今村圭吾 (横浜国大)
日本木材学会大会研究発表要旨集(完全版)(CD-ROM) Vol. 65th Page. ROMBUNNO. R17-P-F07
(2015)

- ★水性高分子イソシアネート系接着剤硬化物のX線透過像への写りやすさに対する管電圧の影響
足立健 (静岡大 農), 田中孝, 山田雅章 (静岡大 大学院)
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- ★1 液型ポリウレタン接着剤の動的粘弾性－硬化過程の動的粘弾性の変化と硬化物の熱的性質について－
宮崎淳子（北林産試），塔村真一郎，宮本康太（森林総合研）
日本木材学会大会研究発表要旨集(完全版)(CD-ROM) Vol. 65th Page. ROMBUNNO. J17-P-S02
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- ★針葉樹単板の仮接着
松里整（東農大 院），松里整，大和田拓馬（キーテック），桃井尊央，小林純，大林宏也（東農大
地域環境）
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- ★API接着剤の接着性に及ぼす架橋剤の影響
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- ★クエン酸とスクロースを接着剤としたパーティクルボードの製造技術の検討
石橋政紀，東原貴志（上越教大），樋口雅樹（上越教育大学附属中），梅村研二（京大 生存圏研）
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- ★木質構造材料用接着剤の空隙充填性能の評価
宮本康太，塔村真一郎（森林総合研），林誠二郎，濱井篤志，池田尊子（オーシカ）
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- ★超音波伝播速度の測定による接着はく離の検出(II)
柳川靖夫（奈良森技セ）
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- ★木材の繊維方向が接着性能に及ぼす影響－樹種，木取りの影響について－
地下久美子，小堀光，小島陽一，鈴木滋彦（静岡大 大学院），宮本康太，渋谷龍也，塔村真一郎
（森林総合研）

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★北海道産カラマツを用いたCLTの製造と性能評価 その1 CLTの製造と接着性能の評価

宮崎淳子, 大橋義徳, 松本和茂, 古田直之, 高梨隆也 (北林産試), 野田康信 (森林総合研)

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★糖とリン酸化合物を用いた新規天然系接着剤の開発—不溶化率の測定と機器分析による硬化特性の評価—
林しん, 梅村研二, 金山公三 (京大 生存圏研)

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★TEM - EDXS法による仮道管壁への尿素ホルムアルデヒド浸透調査

PARK Byung - Dae, NURYAWAN Arif, SINGH Adya P. (Kyungpook National Univ.), LEE Kwang -
Ho (Chonnam National Univ.)

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★フェノール樹脂接着剤の微量塗布における充填材使用効果

山内秀文 (秋県大 木高研)

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★スギ合板製造へのバインダーレス適用の可能性

長谷川渉, 黒河内葉子, 佐藤雅俊 (東大 大学院)

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★床根太用接着剤を併用した木ねじ接合部の長期性能

河村進 (島根産技セ), 李元羽, 成田敏基 (LVL協), 藤田和彦 (広林技セ)

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★合成部材を目指した木 - 鋼板接着接合の性能評価

幅亮太 (京大 大学院), 北守顕久, 森拓郎, 五十田博 (京大 生存圏研)

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★木材の接着強度におよぼすすり合わせ・木殺しの効果

片山雄太, 澤田豊, 築瀬佳之, 藤原裕子, 藤井義久 (京大 農)

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★耐火試験結果を用いたバリエーションの認定に関する研究

水上点晴 (建築研)

独立行政法人建築研究所講演会 Vol. 2014 Page. 95-96 (2015)

★厚板利用, 防火・準耐火構造外壁の開発状況 スギ集成板による準耐火構造外壁の開発

安池淳二 (協和木材)

住宅と木材 Vol. 38 No. 447 Page. 26-29 (2015)

★スギ中・大径木による新しい集材材"積層接着合わせ梁"の開発 平成26年度

池田潔彦, 星川健史, 渡井純 (静岡県農林技研 森林・林業研究セ)

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★編集委員のひとり言(第21回)接着条件と接着性能

濱井篤志 (オーシカ)

接着の技術 Vol. 34 No. 4 Page. 47-51 (2015)

★接合金物と接着剤を併用した木材接合法の強度発現機構に関する研究(その15)CLTの繊維平行層からの引抜き性能

佐藤希, 田中圭, 井上正文 (大分大), 野口雄史, 伊東和俊 (大分大 大学院), 森拓郎 (京大)

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★接合金物と接着剤を併用した木材接合法の強度発現機構に関する研究(その14)RC部材からのGIR接合の引抜き実験

伊東和俊, 野口雄史 (大分大 大学院), 佐藤希, 田中圭, 井上正文 (大分大)

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★全ねじボルト接着接合の引張耐力に関する研究～木材のせん断弾塑性特性の推定～

中里匡陽 (建材試験セ)

建材試験情報 Vol. 51 No. 3 Page. 10-15 (2015)

★ここまで分かった澱粉とセルロースの不思議と偉大な力 植物の力で包装産業にイノベーションを

笹崎達夫 (パピプペ技術事務所)

月刊カートン&ボックス Vol. 34 No. 397 Page. 44-49 (2015)

★連続繊維補強材によるコンクリート構造物の補修・補強入門 2)連続繊維補修補強工法の材料と施工・品質管理

池谷純一 (清水建設 技研 研究開発支援セ), 井部博 (繊維補修補強協)

コンクリート工学 Vol. 53 No. 3 Page. 295-301 (2015)

★木材利用入門 88 面材料(5)繊維をエレメントとした面材料

渋谷龍也 (森林総合研)

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★最新二次加工技術ーめっき・接合・溶着技術を中心に NATS空気転写システムによる深絞り三次曲面の加飾技術と応用展開

塚原大吾 (ナビタス)

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★ストランド形状が竹PSLの強度に及ぼす影響

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★技術教育のためのパーティクルボードの簡易な製造方法の開発

佐藤隆亮 (宮城県柴田郡川崎町富岡中), 東原貴志 (上越教大 院学校教育研究科), 足立幸司, 山内秀文 (秋田県大 木材高度加工研)

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★木板 - コンクリート複合床の曲げ性能に関して

鎌田貴久, 大木文明 (日本大), 新藤健太 (森林総合研), 宮林正幸 (ティー・イー・コンサルティ
ング)

日本木材加工技術協会年次大会講演・研究発表要旨集 Vol. 32nd Page. 42-43 (2014)

★接着剤の微量塗布技術を用いた薄単板積層材料の開発

山内秀文 (秋田県大 木材高度加工研)

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★木材利用入門 87 面材料(4)小片をエレメントとした面材料

渋沢龍也 (森林総合研)

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★土木・建築用接着剤の概要

堀井久一 (コニシ 浦和研)

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★リグニンの微生物代謝中間体2 - ピロン4,6 - ジカルボン酸(PDC)の生産と利用技術開発

中村雅哉, 大塚祐一郎 (森林総合研), 政井英司 (長岡技科大 工), 敷中一洋, 重原淳孝 (東京農工
大工), 片山義博 (日本大 生物資源科学)

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★促進劣化試験および屋外暴露試験で評価した木材保存剤処理集成材の接着耐久性

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★タンニンとスクロースから成る木材用接着剤の開発

竹山明範, 趙中元, 梅村研二 (京大 生存圏研)

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★大径材利用に木質ボードが貢献できること(大径木も木質ボードでカスケード利用)

瀧川充朗 (日本繊維板工業会)

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★合板製造における大径材利用の可能性

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★中層大規模木造建築物の設計情報整備に向けて 成果報告 2 床仕様の全体像と課題—集成材厚板パネルを中心として—

宮林正幸 (ティー・イー・コンサルティング一級建築士事務所)

住宅と木材 Vol. 37 No. 442 Page. 26-29 (2014)

★構造用木質パネルの製造と接着剤

池上則明

木材接着研究会講演要旨集 Vol. 35th Page. 33-35 (2014)

★水性高分子 - イソシアネート系接着剤の基礎と改良

山田雅章 (静岡大 大学院農学研究科)

木材接着研究会講演要旨集 Vol. 35th Page. 1-10 (2014)

★ヒラタキクイムシ防除方法の開発

馬場庸介, 相奈良賢治 (住化エンバイロメンタルサイエンス)

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★木材用新規天然接着剤の開発

UMEMURA K., KAWAI S. (Kyoto Univ., Kyoto, JPN)

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★プレス温度及びプレス時間がタンニン及びスクロースにより結合されたパーティクルボードの機械的性質に及ぼす影響

ZHAO Z. Y., UMEMURA K. (Kyoto Univ., Kyoto, JPN)

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★化学難燃剤を混合したポリ酢酸ビニル(PVAc)接着剤の可燃性および結合性

WEN Ming - Yu, PARK Hee - Jun (Chonbuk National Univ., KOR)

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★澱粉ベースの水溶性木材用ポリソシアネート接着剤の温熱老化の実験試行

XU Wen - biao, SHI Jun - you (Beihua Univ. wood material sci. and engineering Key Lab. of Jilin Province, CHN), WANG Shu - min (Northeast Forestry Univ. in Heilongjiang, CHN)

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★第15回 わかり易い接着技術～IV章 接着ジョイントのデザイン～

室井宗一

月刊建築仕上技術 Vol. 40 No. 470 Page. 7 4-76 (2014)

★国産材を利用した組立梁 徳島スギとMDFを用いた充腹梁工法の開発

中千木材

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★LEEDの室内空気質関連項目に関する調査研究(その1)「低放散材料」の変更内容と日本の関連規格との比較

涌井健 (鹿島建設)

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★接合金物と接着剤を併用した木材接合法の強度発現機構について(その11)樹種の違いが接合性能に与える影響

伊東和俊, 野口雄史 (大分大 大学院), 田中圭, 井上正文 (大分大)

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★単板積層材ストレススキンパネルのクリープ特性 その2 接着ビス接合部の検討

河村進 (島根県産技セ), 稲山正弘 (東大 大学院農学生命科学研究科), LEE Wonwoo, 成田敏基 (全国LVL協)

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★単板積層材ストレススキンパネルのクリープ特性 その1 実大部材の検討

藤田和彦 (広島県総技研 林技セ), 稲山正弘 (東大 大学院農学生命科学研究科), LEE Wonwoo, 成田敏基 (全国LVL協)

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★機能とかたち－製作限界から生まれるディテール グルードインロッド(GIR) GIR(グルードインロッド)の技術 GIR接合の一般的な利用方法と応用例

田中圭 (大分大 工), 塩崎征男 (山佐木材)

建築技術 No. 776 Page. 108-109 (2014)

★機能とかたち－製作限界から生まれるディテール 曲げ加工(集成材) 湾曲集成材 芦北町地域資源活用総合交流促進施設

原田浩司 (山佐木材), 佐藤淳 (佐藤淳構造設計事務所), 佐藤淳 (東大)

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★機能とかたち－製作限界から生まれるディテール LVL エンジニアリングが生み出す新しい表情 LVLのつづり材を使った準耐火構造大スパン

山代悟 (ビルディングランドスケープ), 猪飼富雄 (大林組)

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★機能とかたち－製作限界から生まれるディテール 集成材 構造用集成材の種類と部材形状 集成材シェルへの適用

宮林正幸 (ティー・イー・コンサルティング), 阿藪有士, 松井稔 (川口衛構造設計事務所)

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★原材料の化学 第5回－エポキシ樹脂－

焼山明生 (日進化成 技研)

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★木の住まい・新しい木造 新しい木の住まい

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LARTIGAU Julie (ESTIA, Technopole Izarbel, 97 allée Theodore Monod, F-64210 Bidart, FRA), LARTIGAU Julie, COUREAU Jean-Luc, MOREL Stephane, GALIMARD Philippe (I2M, Univ. de Bordeaux, 351 Cours de la Liberation, F-33400 Talence, FRA), MAURIN Emmanuel (LRMH, 29 rue de Paris, F-77420 Champs-sur-Marne, FRA)
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YANG Xiaojun (Nanjing Forestry Univ., Coll. of Materials Sci. and Engineering, Longpan Road 159, 210037, Nanjing, CHN), GONG Meng, CHUI Ying Hei (Univ. of New Brunswick, Wood Sci. and Technol. Center, 1350 Regent St, E3C2G6 NB, New Brunswick, CAN)

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BAL Bekir Cihad, Dep. of Forest Ind. Engineering, Fac. of Forestry, Kahramanmaras Suetcue Imam Univ., 46100 Kahramanmaras, TUR

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★Determination of the percentage of wood failure by 3D scanning of the adhesive bondline

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★Experimental analysis on small-scale finger-jointed specimens at elevated temperatures

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★Use of tannin adhesive from *Stryphnodendron adstringens* (Mart.) Coville in the production of OSB panels

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★Density related properties of bark insulation boards bonded with tannin hexamine resin

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★Extractive profiles of different lodgepole pine (*Pinus contorta*) fractions grown under a direct seeding-based silvicultural regime

BACKLUND Ingegerd, ARSHADI Mehrdad, BERGSTEN Urban (Dep. of Forest Biomaterials and Technol. , Swedish Univ. of Agricultural Sciences, SE-901 83 Umea, SWE), HUNT Andrew J. , MCELROY C. Robert, ATTARD Thomas M. (Green Chemistry Centre of Excellence, Dep. of Chemistry, Univ. of York, Heslington, York YO10 5DD, GBR)

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★Solid timber beams strengthened with steel plates - Experimental studies

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Pl. Grunwaldzki 11, Wroclaw 50-377, POL
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DEGHAN Masoud, AL - MAHAIDI Riadh, SBARSKI Igor, GAD Emad (Swinburne Univ., Melbourne, AUS)
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TRAN Van-dang, OUDJENE Marc, MEAUSOONE Pierre-jean, Univ. de Lorraine, Lab. d'Etudes et de Rech. sur le Matériau Bois (LERMAB), 27 Rue Philippe Seguin, 88026 Epinal, FRA
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KLAEUSLER Oliver, HASS Philipp, NIEMZ Peter (ETH Zuerich, Inst. for Building Materials, Zuerich, CHE), AMEN Carlos (R&D Chemist, Purbond AG, Sempach-Station, CHE), SCHLEGEL Sven (BA Dresden, Univ. of Cooperative Education, Dresden, DEU)

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最近の木材等の接着剤に関する文献

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