

 **AGEPAN®**



**SHAPES
THE FUTURE
OF BUILDING.**

A brand of
SONAE 
ARAUCO

 **AGEPAN**[®]



**ONE PARTNER.
ONE SYSTEM.
ONE SOLUTION.**

A brand of
SONAE 
ARAUCO



Abrasion-resistant



CO₂ storage



Compression-resistant and stable



Convincing quality



Easy to install



Environmentally friendly



Fire protection



Formaldehyd-free glued



Healthy living



Heat and cold protection



Produced in Germany



Recyclable



Sound insulation



The complete solution



Roof



Ceiling



Wall



Floor

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FOR THE ENTIRE BUILDING SHELL.

+ ONE PARTNER

Efficient package solution, modular system

+ ONE SYSTEM

Planning and processing reliability

+ ONE SOLUTION

Technical support for planning and execution



WHY AGEPAN®



COMPRESSION-RESISTANT AND STABLE



ABRASION-RESISTANT

AGEPAN® wood fibre insulation boards deliver exceptional compressive strength, load capacity, and long-lasting durability. Thanks to the innovative density profile created during the THD production process, they feature an especially solid surface for superior board stability.

TRUSTED QUALITY



PRODUCED IN GERMANY



Quality certification is at the heart of our philosophy of continuous improvement and customer focus. All of our German plants meet internationally recognized standards for health, safety, environmental, and quality management. Product-level CE and German technical approvals confirm our ongoing commitment to excellence – true product quality *Made in Germany*. As a long-standing Holzbau Deutschland service partner, we actively support the future of carpentry and timber construction.



ENVIRONMENTALLY FRIENDLY



CO₂ STORAGE



Sustainability is a core priority for us. At Sonae Arauco, we are committed to the sustainable use of raw materials, upholding these principles throughout our entire production process. AGEPAN® products help to address the challenges of climate change by storing CO₂ naturally. They are sourced 100% from responsible, controlled and certified forestry. The IBU seal of the Institute for Construction and Environment confirms responsible timber processing, and the Environmental Product Declaration (EPD) provides transparent product information.



THE COMPLETE SOLUTION

One partner. One system. One solution. Products for the entire building shell – efficient package solutions, reliable planning and processing, and expert technical support from a single source. Perfectly matched components – such as AGEPAN® DWD-, OSB Ecoboard products and insulating fibreboards – enable vapour-permeable roof and wall constructions without the need for foils. These proven wood-based panels form reliable system solutions for roofs, ceilings, walls, and floors.

EASY TO INSTALL



Most elements with AGEPAN® products can be prefabricated in the workshop – protected from weather conditions. The building shell is completed within days, providing immediate protection against wind and rain. Easy to handle and safe to use, the stable tongue and groove profile ensures quick and secure installation. Excellent cutting properties make the system highly material-efficient, while perfectly matched components shorten construction time.



HEALTHY LIVING

Our aim is to create healthy living spaces. Rooms are also kept cool during hot summer months, in winter they remain comfortably warm. The wood fibres also either absorb or release moisture depending on the relative humidity of the ambient air. This guarantees an optimum indoor climate – particularly advantageous for rooms under the roof. Most of our time is spent inside buildings, so creating and maintaining a healthy and comfortable indoor environment is important, however complex. Effective ventilation is critical to maintaining healthy indoor air quality, also the selection of material has an important part to play in. AGEPAN® products contribute to maintain humidity within a healthy range. Due to their diffusion permeable and moisture regulating properties the use of AGEPAN® products contributes to an optimum room climate.



HEAT AND COLD PROTECTION

When we consider thermal performance we often focus on the energy efficiency of a given thickness of material (thermal conductivity). AGEPAN® solutions enable the highest levels of energy efficiency. The protection against heat losses in winter and heat protection in summer are major aspects to save energy. A higher thickness, in comparison with XPS or EPS, rather than being a disadvantage, gives the building fabric greater thermal mass. This means as well as being energy efficient, helps mitigate heat loss and gain, on a daily and seasonal basis, creating a substantially more comfortable living environment. The thicker layer of insulation also improves moisture buffering potential.

FIRE PROTECTION



Structural fire protection is now indispensable in timber frame construction, because safety has top priority. AGEPAN® offers tested fire protection system solutions that ensure maximum safety without compromising on performance or sustainability. For projects requiring enhanced fire protection, our AGEPAN® DWD fire X offers a fire-retardant solution that combines safety, sustainability, and durability – ideal for modern timber construction.



SOUND INSULATION

The acoustics within our living spaces has a significant bearing on our quality of life and is one area that the use of wood based fibre insulation can greatly enhance. AGEPAN® wood fibre insulation products naturally reduces noise due to its dense, fibrous structure. It absorbs and dampens sound waves, helping to create quieter indoor environments and improving overall acoustic comfort in buildings.



FF **FORMALDEHYD-FREE
GLUED**

All of the AGEPAN® products are glued without formaldehyde, ensuring a healthier indoor environment. Using formaldehyde-free adhesives, our wood-based panels combine safety and durability without compromising performance.

RECYCLABLE



AGEPAN® products are made from wood, a natural raw material, and are recyclable. They therefore contribute to the conservation of resources. At the end of their life cycle, they can be recycled.



DEPENDABLE PERFORMANCE IN DIFFERENT CLIMATIC CONDITIONS

AGEPAN® wood fibreboards are engineered to perform in any climatic condition. Their robust composition ensures stability, moisture regulation, and long-lasting protection, making them suitable for cold, hot, or mixed climates while maintaining comfort, durability, and consistent building performance year-round.





VERSATILE, RELIABLE, HIGH-PERFORMING

AGEPAN® wood fibreboards are suitable for a wide range of construction applications, providing reliable structural stability and thermal performance. They are robust, durable, and thermally efficient – ideal for traditional, modern, or mixed construction projects.





Sonae Arauco is one of the world's leading producers of wood-based solutions, made from a natural, renewable and recyclable raw material: wood.

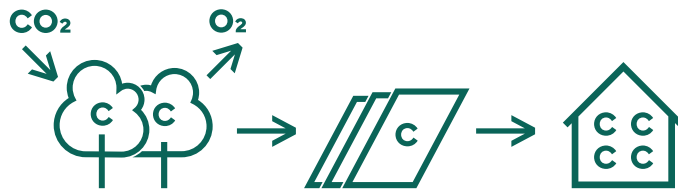
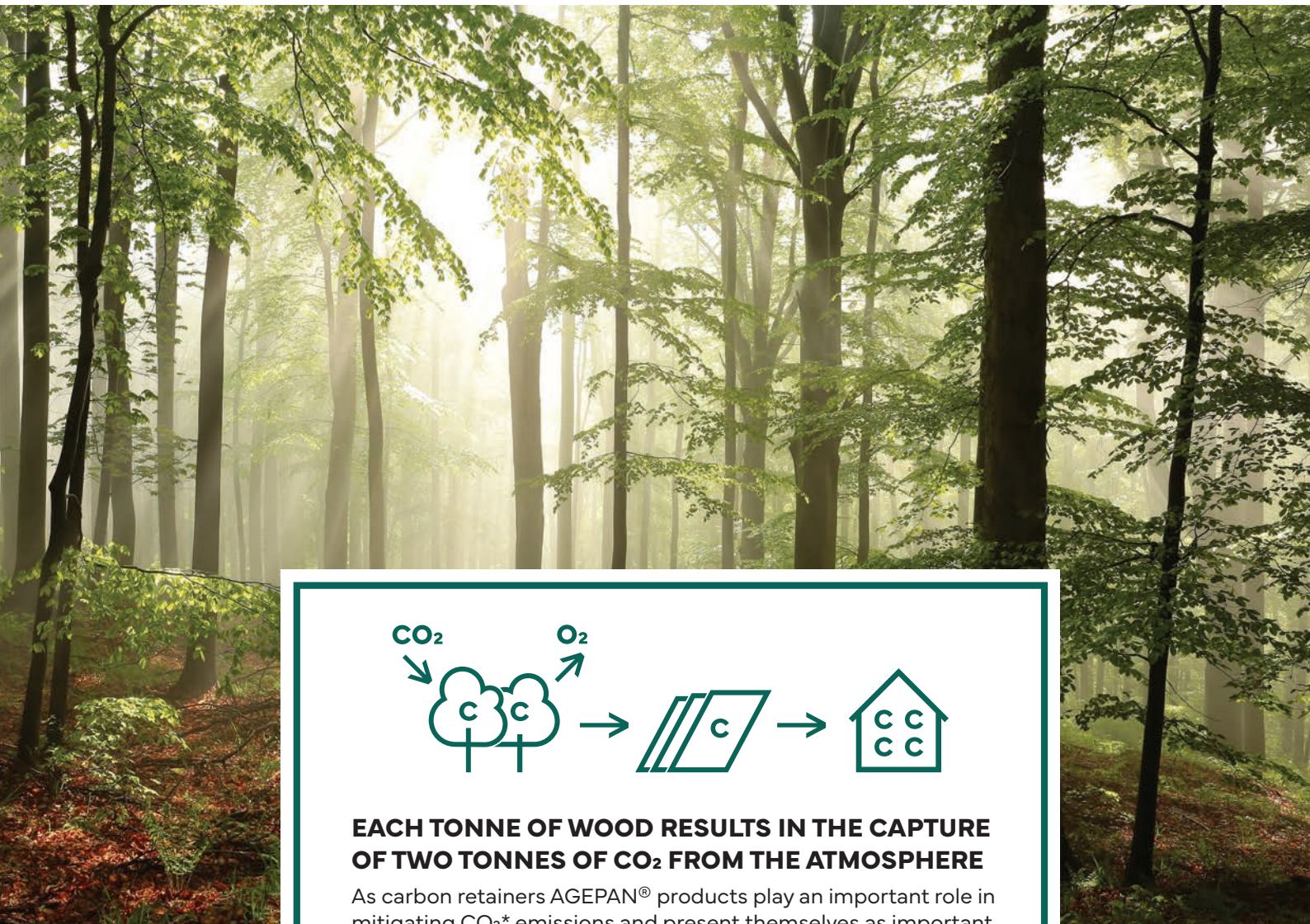
Sonae Arauco is convinced of the value of wood in people's lives. We know that, while putting wood solutions on the market, we are contributing to our planet's sustainability. Sustainability is therefore fully integrated into our business strategy.

AGEPAN® SHAPES THE FUTURE OF BUILDING WITH SUSTAINABLE WOOD FIBRE SOLUTIONS THAT CONNECT PEOPLE AND NATURE

We aim for every construction project to preserve the climate, and enhance quality of life – today and for future generations.

- Environmentally and health-friendly products, as they are made from the renewable raw material wood.
- In AGEPAN® production process is only wood used from controlled origins and it is possible to use wood in different size and thickness. Most of the wood is harvested in a short distance from the plant.
- Due to their insulation characteristics, our AGEPAN® products improve the building's energy, avoiding the consumption of fossil energy.
- The Environmental Product Declaration (EPD) offers a transparent insight into product information and confirm responsible handling of timber for sustainable building materials and products.
- AGEPAN® products have a positive effect on global warming by improving the energy efficiency of buildings.
- The environmental management of all Sonae Arauco production sites in Germany is certified according to international standards (ISO 14001).





EACH TONNE OF WOOD RESULTS IN THE CAPTURE OF TWO TONNES OF CO₂ FROM THE ATMOSPHERE

As carbon retainers AGEPAN® products play an important role in mitigating CO₂* emissions and present themselves as important allies in the challenge of climate change.

* CO₂ produced by human activities is the largest contributor to global warming.

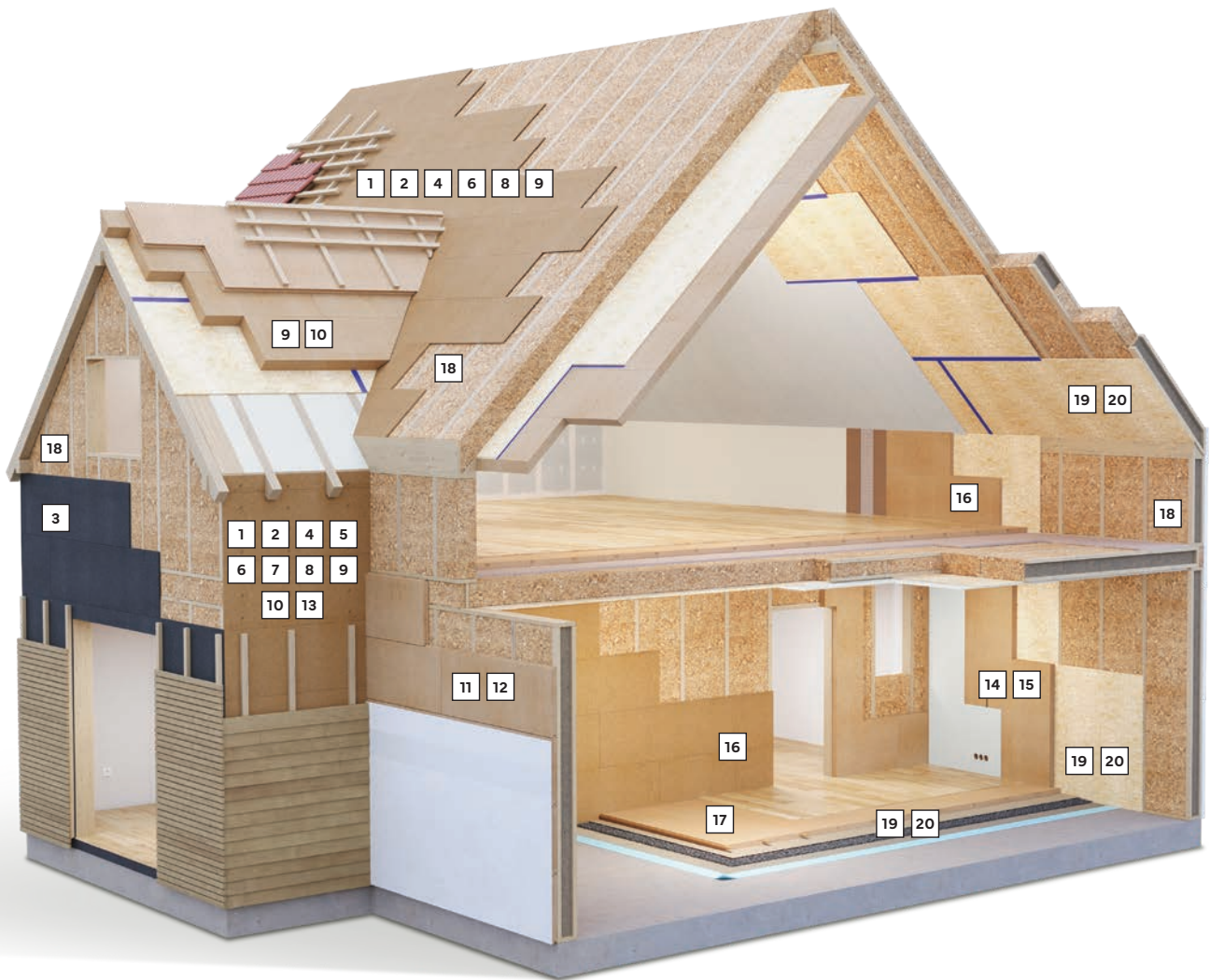
- + At the end of their useful life, our products can be recycled, thus becoming part of a continuous recycling cycle.
- + AGEPAN® products are formaldehyde-free glued.
- + AGEPAN® products are available with PEFC (PEFC/14-35-00013) certifications.



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



FOR THE ENTIRE BUILDING SHELL



**ONE PARTNER.
ONE SYSTEM.
ONE SOLUTION.**

Reduce complexity, create reliability, save time.

No.	Product name	Thickness (mm)	Edge	Format (mm)	Coverage (mm)	Pieces / Pallet	Weight / Pallet*** (kg)	Density (kg/m³)	Thermal conductivity **** λD (W/mK)
1	AGEPAN® DWD protect	16	STD	3000 x 1247	3000 x 1247	48	1650	565	0,09
				2800 x 1196	2800 x 1196	48	1470	565	0,09
4	AGEPAN® DWDmax	16* (lengthwise unedged)	STD	6000 x 2550	6000 x 2500	28	3900	565	0,09
1	AGEPAN® DWD protect	16	N+F (4)	2515 x 1015	2500 x 1000	40	920	565	0,09
				2515 x 640	2500 x 625	40	580	565	0,09
				3000 x 1265	3000 x 1250	40	1370	565	0,09
2	AGEPAN® DWD 600	16	STD	3000 x 1247	3000 x 1247	48	1750	600	0,10
				2515 x 1015*	2500 x 1000	40	1010	600	0,10
				2515 x 640	2500 x 625	40	640	600	0,10
NEW 5	AGEPAN® DWD fire X	16	STD	3000 x 1247	3000 x 1247	48	1830	630	0,10
3	AGEPAN® DWD black	16	N+F (4)	2515 x 640	2500 x 625	40	640	600	0,10
8	AGEPAN® UDP	22, 25*, 32*	N+F (4)	2520 x 610	2500 x 590	48, 42, 33	460	270	0,051
6	AGEPAN® THD cover X	40, 60, 80	N+F (4)	1890 x 600	1875 x 585	52**, 34**, 26**	570	230	0,049
NEW 9	AGEPAN® THD cover H	60, 80	N+F (4)	1890 x 600	1875 x 585	34**, 26**	440	180	0,044
NEW 10	AGEPAN® THD cover M	60 - 200	N+F (4)	1760 x 600	1740 x 580	36, 26, 22, 18, 16, 14, 12, 10	350	140	0,040
7	AGEPAN® THDmax vario	40*, 60, 80	STD	3000 x 1250	3000 x 1250	28, 18, 14	1000	230	0,049
		40*, 60 (lengthwise unedged)	STD	6000 x 2550	6000 x 2500	16, 12	2280, 2560	230	0,049
13	AGEPAN® THD static	40, 60, 80*	STD	3000 x 1250	3000 x 1250	28, 18, 14	1240, 1200, 1240	290	0,057
16	AGEPAN® UDP inside	25	N+F (4)	1890 x 610	1870 x 590	42	350	270	0,051
14	AGEPAN® THD install	40, 60, 80	STD	2650 x 600	2650 x 600	28, 18, 14	430	230	0,049
NEW 15	AGEPAN® THD install pro	60	STD	2650 x 600	2650 x 600	12	280	230	0,049
NEW 12	AGEPAN® THD etics M	60	N+F (4)	1800 x 600	1780 x 580	36	370	160	0,040
		80 - 160	N+F (4)	1300 x 600	1275 x 575	56, 44, 36, 32, 28	560	160	0,040
11	AGEPAN® THD etics X	40, 60, 80*	N+F (4)	1890 x 600	1875 x 585	52**, 34**, 26**	570	230	0,049
NEW 18	AGEPAN® Flex	40 - 240	STD	1350 x 575	1350 x 575	112, 80, 60, 48, 40, 32, 30, 24, 24, 20, 20	200	50	0,036
17	AGEPAN® TEP	40*, 60*	STD	1890 x 500	1880 x 500	52, 34	470	230	0,049
19	AGEPAN® OSB 3 Ecoboard	12, 15, 18, 22	N+F (4)	2440 x 590	2440 x 590	80, 64, 54, 44	880	600	0,013
		12, 15, 18	N+F (2)	2440 x 1220	2440 x 1220	80, 64, 54	1790	600	0,013
		12, 15, 18, 22, 25	N+F (4)	2500 x 625	2500 x 625	80, 64, 54, 44, 39	950	600	0,013
		12, 15, 18, 22, 25, 30	N+F (4)	2500 x 675	2500 x 675	80, 64, 54, 44, 39, 32	1030	600	0,013
		15, 18, 22 (polished)	N+F (4)	2500 x 675	2500 x 675	64, 54, 44	1030	600	0,013
		12, 15, 18, 22, 25	N+F (4)	2500 x 1250	2500 x 1250	80, 64, 54, 44, 39	1880	600	0,013
		22	N+F (2)	5000 x 1250	5000 x 1250	22	1870	600	0,013
		22	N+F (2)	6250 x 675	6250 x 675	22	1270	600	0,013
		9	STD	2440 x 590	2440 x 590	160**	660	600	0,013
		9, 11, 12, 15, 18	STD	2440 x 1220	2440 x 1220	106, 88, 68, 54, 54	1790	600	0,013
		9, 10, 12, 15, 18, 22, 25	STD	2500 x 1250	2500 x 1250	106, 96, 80, 64, 54, 44, 39	1880	600	0,013
		12, 15	STD	2650 x 1250	2650 x 1250	68, 54	1670	600	0,013
		9, 12, 15	STD	2800 x 1196	2800 x 1196	90, 68, 54	1690	600	0,013
		12, 15, 18	STD	2800 x 1250	2800 x 1250	68, 54, 44	1770	600	0,013
		12, 15, 18	STD	3000 x 1250	3000 x 1250	68, 54, 44	1890	600	0,013
		15, 18, 22, 25	STD	5000 x 1250	5000 x 1250	30, 26, 22, 18	1870	600	0,013
		15, 18, 22, 25	STD	5000 x 2500	5000 x 2500	16, 13, 11, 10	1930	600	0,013
20	AGEPAN® OSB 4 Ecoboard	15, 18, 22, 25	N+F	2500 x 675	2500 x 675	64, 54, 44, 39	1050	610	0,013
		15	STD	2500 x 1250	2500 x 1250	64	1880	610	0,013
		15	STD	2650 x 1250	2650 x 1250	54	1690	610	0,013
		15	STD	2800 x 1250	2800 x 1250	54	1780	610	0,013
		15	STD	3000 x 1250	3000 x 1250	54	1910	610	0,013

Attention! All wood fibre sarking boards listed here are, according to the ZVDH guidelines, generally not considered structural components. Therefore, load transfer in the area between rafters is not permitted. In the rafter area, the products are safe to walk on. Accident prevention regulations must be strictly observed.

Only full pallets are delivered. AGEPAN® products are available with PEFC certification [PEFC/14-35-00013] upon request and subject to availability. Please specify when ordering. The instructions of use of the AGEPAN® must be observed.

* On request *** Reference value
** Double package **** Nominal value

<p>AGEPAN® DWD protect</p> <p>The Original. Stable, stiffening and load-bearing planking in roof and wall.</p> <p>1</p>	<p>AGEPAN® DWD 600</p> <p>With increased bulk density $\geq 600 \text{ kg/m}^3$. Stable, stiffening and load-bearing planking in roof and wall.</p> <p>2</p>	<p>AGEPAN® DWD black</p> <p>The black-through-coloured board, free from harmful additives. For ventilated curtain façades with open joints, without the need for an additional façade membrane.</p> <p>3</p>
<p>AGEPAN® DWDmax</p> <p>The Original in large format. Stable, stiffening and load-bearing planking in roof and wall.</p> <p>4</p>	<p>AGEPAN® DWD fire X</p> <p>The fire protection board. For maximum safety in wall areas.</p> <p>5</p>	<p>AGEPAN® THD cover X</p> <p>The robust insulation specialist. Particularly strong sarking board for roof and wall.</p> <p>6</p>
<p>AGEPAN® THDmax vario</p> <p>The insulation specialist in big format. Wall cladding and insulation for ventilated façades.</p> <p>7</p>	<p>AGEPAN® UDP</p> <p>The stable sarking board. Thermally insulating and sound-absorbing in roof and wall.</p> <p>8</p>	<p>AGEPAN® THD cover H</p> <p>The strong one among the light ones. Vapor-permeable sarking board with robust surface layers for roof and wall.</p> <p>9</p>
<p>AGEPAN® THD cover M</p> <p>The robust sarking board. Thermal insulation in roof and wall.</p> <p>10</p>	<p>AGEPAN® THD etics X</p> <p>For plastered façades within ETICS. Highly impact- and damage-resistant.</p> <p>11</p>	<p>AGEPAN® THD etics M</p> <p>The plaster carrier board in the ETICS. Impact- and damage-resistant.</p> <p>12</p>
<p>AGEPAN® THD static</p> <p>The load-bearing wood fibre insulation board. For structural use in wall applications.</p> <p>13</p>	<p>AGEPAN® THD install</p> <p>Installation board and pressure-resistant interior insulation. Extremely strong, allows direct fastening with console loads up to 25 kg per screw.</p> <p>14</p>	<p>AGEPAN® THD install pro</p> <p>Insulation board with pre-milled installation channels. Extremely high strength, allowing electrical installations without additional effort.</p> <p>15</p>
<p>AGEPAN® UDP inside</p> <p>The practical interior board. Compact format, usable on both sides and suitable for plastering.</p> <p>16</p>	<p>AGEPAN® TEP</p> <p>The dry screed board. Durable and fast to lay in flooring areas.</p> <p>17</p>	<p>AGEPAN® Flex</p> <p>Flexible wood fibre cavity insulation. Stable and easy-to-fit insulation for roofs, ceilings, and walls, offering excellent thermal performance.</p> <p>18</p>
<p>AGEPAN® OSB 3 Ecoboard</p> <p>The load-bearing panel. For universal use in timber frame constructions with a raw density $\geq 600 \text{ kg/m}^3$.</p> <p>19</p>	<p>AGEPAN® OSB 4 Ecoboard</p> <p>The high load-bearing panel. For universal use in timber frame constructions with a raw density $\geq 600 \text{ kg/m}^3$.</p> <p>20</p>	



AGEPAN® DWD protect

The original.



AGEPAN® DWD protect is a vapour-permeable wood fibreboard, type MDF.RWH according to EN 622-5, compliant with the German technical approval certificate (aBG) Z-9.1-382. It is used for buckling and tilting bracing as a load-bearing and stiffening sheathing, as well as a secondary water-draining layer. In accordance with EN 14964: Type IL and UDP-A according to ZVDH regulations, it meets the highest standards for safety and durability. Thanks to its emergency roof function, it also provides maximum flexibility on site, offering temporary weather protection for up to 8 weeks.

BENEFITS

The original vapour-permeable, wind- and rainproof sarking board for use on roofs and walls. It features a stable tongue and groove profile for quick and secure installation.

- ✦ Stable tongue and groove profile – quick and safe installation
- ✦ Reaction to fire – tested and classified as D-s1,d0
- ✦ Emergency roof function – flexibility in the construction process thanks to temporary roof function for up to 8 weeks
- ✦ UDP-A sarking board – second water-repellent layer, vapour-permeable, airtight and rainproof
- ✦ High quality is confirmed by regular, external monitoring

APPLICATION AREAS

-  AGEPAN® DWD protect with tongue and groove to be used as sarking board type IL in accordance with EN 14964.
Rainproof additional measures of class 3 for roof pitches > 14° acc. to the ZVDH „leaflet under-roof, underlayment and under-roof sheets“; UDP-A.
-  Joint load-bearing cladding of in-plane loaded wall panels for the stabilisation of bar-shaped ribs at risk of buckling or tilting according to German general construction technique permit (aBG) Z-9.1-382.
Rigid sarking board as a second water-repellent layer and windproof layer for rear-ventilated exterior wall cladding and roof covering in accordance with DIN 68800-2.

μ – value: 11 (vapour-permeable)

Density ρ: 565 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



AGEPAN[®] DWD 600

With increased density $\geq 600 \text{ kg/m}^3$.

AGEPAN[®] DWD 600 is a vapour-permeable wood fibreboard, type MDF.RWH according to EN 622-5, compliant with the German technical approval certificate (aBG) Z-9.1-382. It is used for buckling and tilting bracing as a load-bearing and stiffening sheathing, as well as a secondary water-draining layer. In accordance with EN 14964: Type IL and UDP-A according to ZVDH regulations, it meets the highest standards for safety and durability. Thanks to its emergency roof function, it also provides maximum flexibility on site, offering temporary weather protection for up to 8 weeks. Its higher density is decisive for its suitability for fire protection building solutions according to DIN 4102-4.

BENEFITS

A vapour-permeable, wind- and rainproof sarking board with a high density of at least 600 kg/m^3 , ideal for fire protection constructions for roofs and walls. It features a stable tongue and groove profile for quick and secure installation.

- ✦ Density $\geq 600 \text{ kg/m}^3$ – suitable for fire protection constructions according to DIN 4102-4
- ✦ Stable tongue and groove profile – quick and secure installation
- ✦ Emergency roof function – flexibility in the construction process thanks to temporary roof function for up to 8 weeks
- ✦ UDP-A sarking board – second water-repellent layer, vapour-permeable, airtight and rainproof
- ✦ High quality is confirmed by regular, external monitoring

APPLICATION AREAS



AGEPAN[®] tongue and groove to be used as sarking board type IL in accordance with EN 14964.

Rainproof additional measures of class 3 for roof pitches $> 14^\circ$ acc. to the ZVDH „leaflet under-roof, underlayment and under-roof sheets“; UDP-A.



Joint load-bearing cladding of in-plane loaded wall panels for the stabilisation of bar-shaped ribs at risk of buckling or tilting according to German general construction technique permit (aBG) Z-9.1-382.

Rigid sarking board as a second water-repellent layer and windproof layer for rear-ventilated exterior wall cladding and roof covering in accordance with DIN 68800-2.

μ – value: 12 (vapour-permeable)

Density ρ : 600 kg/m^3



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® DWDmax

The Original in large format.

AGEPAN® DWDmax is a vapour-permeable wood fibreboard, type MDF.RWH according to EN 622-5, compliant with the German technical approval certificate (aBG) Z-9.1-382. It is used for buckling and tilting bracing as a load-bearing and stiffening sheathing, as well as a secondary water-draining layer. In accordance with EN 14964: Type IL and UDP-A according to ZVDH regulations, it meets the highest standards for safety and durability. The large format is ideal for prefabrication in timber frame construction.

BENEFITS

The original vapour-permeable, wind- and rainproof sarking board, available in a large format for use on roofs and walls. It features a stable tongue and groove profile for quick and secure installation.

- ✦ Ideal for prefabrication in timber frame construction
- ✦ 2.5 m width perfectly matched to standard timber construction grids
- ✦ Enables sheathing of roof and wall elements without horizontal panel joints
- ✦ Significantly reduces working time
- ✦ Minimizes material waste

APPLICATION AREAS



AGEPAN® DWDmax with tongue and groove to be used as sarking board type IL in accordance with EN 14964.

Rainproof additional measures of class 3 for roof pitches > 14° acc. to the ZVDH „leaflet under-roof, underlayment and under-roof sheets“; UDP-A.



Joint load-bearing cladding of in-plane loaded wall panels for the stabilisation of bar-shaped ribs at risk of buckling or tilting according to German general construction technique permit (aBG) Z-9.1-382.

Rigid sarking board as a second water-repellent layer and windproof layer for rear-ventilated exterior wall cladding and roof covering in accordance with DIN 68800-2.

μ – value: 11 (vapour-permeable)

Density ρ: 565 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



AGEPAN® DWD fire X

The fire protection board.

AGEPAN® DWD fire X is a vapour-permeable wood fibreboard type MDF.RWH according to EN 622-5 is the ideal solution for ventilated wall constructions with increased fire protection requirements. With a density of 630 kg/m³, it is suitable for fire protection constructions in accordance with DIN 4102-4, class B-s2,d0 according to EN 13501-1. At the same time, it combines ecological responsibility with sustainable resource use and, compared to mineral insulation materials, has a significantly lower CO₂ footprint.

BENEFITS

The first fire-retardant MDF.RWH combines fire protection class B-s2,d0 with ecological responsibility and sustainable resource use – offering a much lower carbon footprint than mineral insulation materials and making it ideal for modern, safe, and environmentally conscious construction.

- ✚ Standard-compliant fire protection constructions with a density of ~ 630 kg/m³
- ✚ First fire-retardant MDF.RWH
- ✚ Fire behavior class B-s2,d0: limited contribution to fire (B), medium smoke development (s2), no flaming droplets (d0)
- ✚ Slows down the spread of fire, providing additional safety
- ✚ Material-efficient thanks to excellent cutting properties

APPLICATION AREAS



Vapour-open and stable wall board for constructions with increased fire protection requirements.

Suitable for fire protection constructions in accordance with DIN 4102-4 (density ≥ 600 kg/m³).

μ – value: 12 (vapour-permeable)

Density ρ: 630 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® DWD black

The black-through-coloured board, free from harmful additives.

AGEPAN® DWD black is a robust solution for modern façades, perfectly combining sustainability aspects with innovative and unique product features. It is ideally suited for ventilated curtain façades with open joints. The uniformly black-dyed wood fibreboard of type MDF.RWH according to EN 622-5 offers a functional and ecological alternative to conventional façade membranes.

BENEFITS

The only wood fibreboard that is dyed black throughout without any harmful additives. It offers a functional and ecological alternative to façade membranes. The pigments used are lightfast and free from dyes or other chemical additives.

- ✚ Uniform black coloration – no additional façade membrane required
- ✚ Abrasion-resistant, good adhesion of adhesive tapes – saves primer and time
- ✚ Pressure-resistant – resistant to damage
- ✚ Density $\geq 600 \text{ kg/m}^3$ – suitable for fire protection constructions according to DIN 4102-4
- ✚ Stable tongue and groove profile – fast and secure installation

APPLICATION AREAS



Stable underlay board as a second water-repelling layer and windproof layer for external wall cladding with a defined proportion of open joints in accordance with DIN 68800-2.

Sarking board type IL in accordance with EN 14964.

μ – value: 12 (vapour-permeable)

Density ρ : 600 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® THD cover X

The robust insulation specialist.

AGEPAN® THD cover X is a wood fibre insulation board that complies with EN 13171. It is fully hydrophobic, vapor-permeable, and moisture-absorbing. This allows the AGEPAN® THD cover X to be used as a sarking board in accordance with ZVDH guidelines. It is used as above-rafter insulation and sub-roof sheathing, as well as exterior sheathing in the production of roof and wall elements.

BENEFITS

Thanks to its asymmetrical density profile, it offers exceptional strength and outstanding abrasion resistance, improving tape adhesion and reducing primer consumption.

- ✦ Extremely high strength due to an asymmetric density profile – reduced risk of damage
- ✦ Good summer heat and winter cold protection
- ✦ UDP-A sarking board – second water-repellent layer, vapour-permeable, windtight, and rainproof
- ✦ Emergency roof function – weather-resistant for up to 8 weeks without additional covering
- ✦ High abrasion resistance – ensures better tape adhesion

APPLICATION AREAS



External insulation of roof or ceiling, protected from weather exposure, insulation beneath coverings.



External wall insulation behind cladding.

Insulation of timber frame construction, timber panel construction and comparable compartments.

Thermal conductivity λ : 0,049 W/mK

Density ρ : 230 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



AGEPAN® THDmax vario

The insulation specialist in big format.

AGEPAN® THDmax vario is a wood fibre insulation board that complies with EN 13171. AGEPAN® THDmax vario is completely hydrophobic, open to diffusion and capable of sorption. Thanks to its large size, building components can be prefabricated quickly and economically. It is used as wall cladding and insulation for ventilated façades.

BENEFITS

Ideal for prefabrication and quick installation in wall cladding and insulation for ventilated façades. It is available in large formats.

- ✚ Extremely high strength due to an asymmetric density profile – reduced risk of damage
- ✚ Vapour-permeable, windtight, and moisture-regulating – for a comfortable indoor climate
- ✚ Available in large formats – ideal for prefabrication and fast installation
- ✚ Fewer joints – increased structural reliability in the façade area
- ✚ High abrasion resistance – saving time and materials

APPLICATION AREAS



External wall insulation behind cladding.

Insulation of timber frame construction, timber panel construction and comparable compartments.

Thermal conductivity λ : 0,049 W/mK

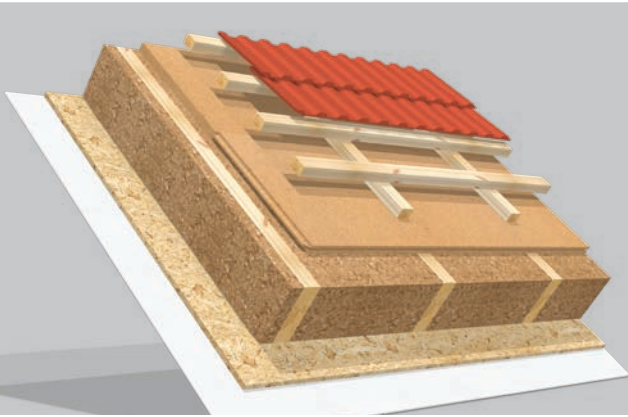
Density ρ : 230 kg/m³



Use products that are certified accordingly. PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



AGEPAN[®] UDP

The stable sarking board.

AGEPAN[®] UDP is an insulating fibreboard with a tongue and groove profile on all four sides, which complies with EN 13171. The surface of AGEPAN[®] UDP is extremely robust due to its troughlike density profile. The advantage is that the boards can be used on both sides. It is also entirely hydrophobic, vapour-permeable and hygroscopic, and can therefore be used as sarking board in compliance with ZVDH regulations. It is used to minimize thermal bridges in roof and wall areas with rear-ventilated cladding.

BENEFITS

Can be used on both sides for minimal offcuts, and is fast and easy to install. Installation is quick and easy.

- ✚ UDP-A underlay board – second water-repellent layer, vapour-permeable, windtight, and rainproof
- ✚ Usable on both sides – minimal offcuts, fast and easy installation
- ✚ Tub-shaped density profile – especially strong and durable
- ✚ Versatile application – also suitable as interior-side insulation in floor areas or as a renderable reveal board
- ✚ Emergency roof function – can be exposed to weather for up to 8 weeks

APPLICATION AREAS



External insulation of roof or ceiling, protected from weather exposure, insulation beneath coverings.



Interior insulation of the ceiling or floor slab (top side), beneath screed, without sound insulation requirements.



External wall insulation behind cladding.

Insulation of timber frame construction, timber panel construction and comparable compartments.

External wall insulation system with render finish.

Thermal conductivity λ : 0,051 W/mK

Density ρ : 270 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



AGEPAN® THD cover H

The strong one among the light ones.




AGEPAN® THD cover H is a highly durable, pressure-resistant wood fibre insulation board that meets EN 13171 standards and offers outstanding versatility for use in roof, ceiling, and wall constructions. Combining exceptional ecological performance with excellent thermal protection, it helps create a naturally balanced indoor climate thanks to its moisture-regulating wood fibres. With its high heat storage capacity, AGEPAN® THD cover H also contributes to lower heating and cooling demands, enhancing both energy efficiency and sustainability. As a UDP-A-certified underlay board, it also provides a temporary roofing function for up to 8 weeks.

BENEFITS

Lightweight, robust, and stable – dense surface layers up to 250 kg/m³ ensure strength, safety, and minimal waste.

- ✚ Emergency roof function – flexibility in the construction process thanks to a temporary roofing function for up to 8 weeks
- ✚ UDP-A sarking board – second water repellent layer, vapor-permeable, windproof, and rain-resistant
- ✚ Abrasion resistant surface – less dust and cleaning effort, improved adhesion of adhesive tapes – saves time and reduces the need for primer
- ✚ Excellent cutting properties – fast and precise installation
- ✚ Very high strength in the cover layers – fewer damages during handling and installation

APPLICATION AREAS

-  External insulation of roof or ceiling, protected from weather exposure, insulation beneath coverings.
-  External insulation of roof or ceiling, protected from weathering, insulation beneath roof coverings.
-  External wall insulation behind cladding.
Insulation of timber frame, timber frame construction, and similar cavities.

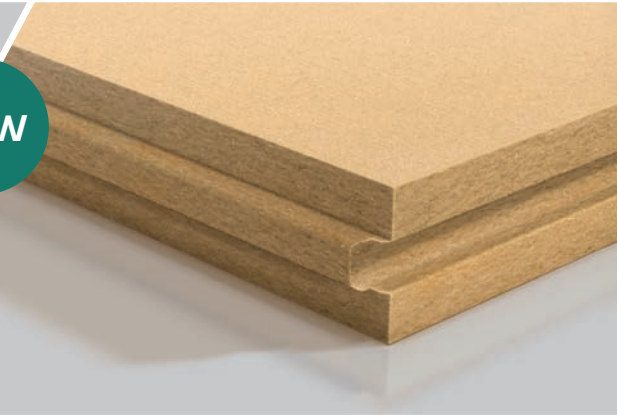
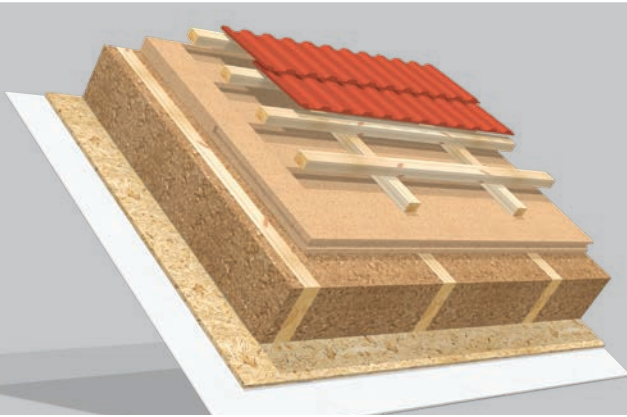
Thermal conductivity λ : 0,043 W/mK

Density ρ : 180 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® THD cover M

The robust sarking board.

AGEPAN® THD cover M is a lightweight, hydrophobic wood fibre insulation board according to EN 13171, offering excellent thermal insulation properties made from natural wood fibres. When used in roof and wall constructions, it impresses with its outstanding heat protection. AGEPAN® THD cover M contributes to a pleasant indoor climate, reduces the need for air conditioning, and leads to long-term energy savings. The tongue and groove roof sarking board meets the requirements of the ZVDH as a rainproof underlay for roof pitches from 15° (UDP-A).

BENEFITS

Quick and easy installation – minimal waste, double-sided use, and outstanding protection against summer heat and winter cold.

- +** Excellent protection against summer heat and winter cold
- +** Quick and easy to install – minimal waste, usable on both sides
- +** UDP-A underlay board – second water repellent layer, vapor-permeable, windproof, and rainproof
- +** Emergency roof function – weather-resistant for up to 4 weeks without additional covering
- +** Natural product – ecological, environmentally friendly and recyclable

APPLICATION AREAS



External insulation of roof or ceiling, protected from weather exposure, insulation beneath coverings.



External insulation of roof or ceiling, protected from weathering, insulation beneath roof coverings.



External wall insulation behind cladding.

Insulation of timber frame, timber frame construction, and similar cavities.

Thermal conductivity λ : 0,040 W/mK

Density ρ : 140 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® THD etics X

For plastered façades within ETICS.





AGEPAN® THD etics X is an insulating wood fibreboard with a tongue and groove profile on all four sides, which complies with EN 13171 for the use in ETICS in accordance to the German technical approval Z-33.47-1724. AGEPAN® THD etics X is vapour-permeable, thermal insulating and entirely hydrophobic. It offers exceptional surface strength and resistance when used in External Thermal Insulation Composite Systems (ETICS) thanks to its asymmetrical density profile.

BENEFITS

Highly impact- and damage-resistant in the ETICS with very good summer heat and winter cold protection.

- ✦ Extremely high strength due to an asymmetric density profile – reduced risk of damage
- ✦ Very good summer heat and winter cold protection
- ✦ Easy installation of building accessories such as mailboxes, lamps, etc.
- ✦ ETICS approval with Knauf and akurit render systems
- ✦ High abrasion resistance – fewer fibres in the plaster, saving time and materials

APPLICATION AREAS

-  Interior ceiling insulation (underside) or roof insulation installed beneath the rafters or structural framework, including solutions such as suspended ceilings.
-  Interior insulation of the ceiling or floor slab (top side), beneath screed, without sound insulation requirements.
-  External wall insulation system with render finish.
-  External wall insulation behind cladding.

Thermal conductivity λ : 0,049 W/mK

Density ρ : 230 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN[®] THD etics M

The plaster carrier board in the ETICS.




AGEPAN[®] THD etics M is a pressure-resistant plaster carrier board according to EN 13171, made from natural wood fibres. As a component of ecological ETICS (External Thermal Insulation Composite System), it is ideal for direct cladding on wooden substrates and provides long-lasting weather protection – with excellent insulating properties for a comfortable indoor climate without the need for air conditioning.

BENEFITS

Impact- and damage-resistant in the ETICS with excellent summer heat and winter cold protection.

- ✦ Impact-resistant – particularly durable against damage
- ✦ Excellent summer heat and winter cold protection
- ✦ Vapor-permeable, moisture-regulating, and approved for use with Knauf and akurit
- ✦ High dimensional accuracy – time-saving and easy installation
- ✦ Natural product – ecological, environmentally friendly and recyclable

APPLICATION AREAS

-  Interior ceiling insulation (underside) or roof insulation installed beneath the rafters or structural framework, including solutions such as suspended ceilings.
-  Interior insulation of the ceiling or floor slab (top side), beneath screed, without sound insulation requirements.
-  External wall insulation system with render finish.
External wall insulation behind cladding.

Thermal conductivity λ : 0,040 W/mK

Density ρ : 160 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® THD static

The bracing wood fibre insulation board.

AGEPAN® THD static is a structural insulating wood fibreboard that complies with EN 13171 and German technical approval certificate Z-9.1-725. AGEPAN® THD static is vapour-permeable, thermal insulating and entirely hydrophobic. The asymmetrical density profile makes the panel extremely stable and it can be used as a structural finish with vapour-permeable wall elements. It facilitates the prefabrication option for the majority of construction elements used.

BENEFITS

Bracing and load-bearing wood fibre insulation board for structural use in wall applications.

- ✚ Bracing according to national technical approval – saves time and material
- ✚ Ideal for prefabricated houses – cavity insulation can be conveniently installed from the inside, independent of weather conditions
- ✚ Storey-high board formats – fast installation and short construction time
- ✚ High abrasion resistance – saving time and materials
- ✚ Extremely high strength due to asymmetric density profile – reduced risk of damage

APPLICATION AREAS



Wall sheathing of timber frame constructions with ventilated exterior cladding in accordance with DIN 68800-2.

Bracing sheathing subjected to in-plane forces in timber frame construction in accordance with the national approval (aBG) Z-9.1-725.

Thermal conductivity λ : 0,057 W/mK

Density ρ : 290 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® THD install

Installation board and pressure-resistant interior insulation.

AGEPAN® THD install is a versatile wood fibre insulation board in accordance with EN 13171, designed for interior wall and roof applications. Vapour-permeable, thermally insulating, and moisture-regulating, it ensures balanced indoor temperatures and a pleasant, comfortable living environment – the perfect foundation for modern, energy-efficient homes. With its pressure-resistant surface, the board serves both as a reliable internal insulation layer and as a robust installation level. Its strong surface layer allows for the direct installation of plasterboard and even plaster finishes using approved systems (e.g. Rotkalk by Knauf Gips KG) or clay plasters.

BENEFITS

Extremely strong, allows direct fastening with console loads up to 25 kg per screw. No pre-drilling required.

- +** Direct screwing with a bolt load of 25 kg per screw – material and time savings
- +** Electrical installation possible without additional effortless working time, lower costs
- +** High abrasion resistance – fewer fibres in the plaster, time and material savings
- +** Extremely high strength due to asymmetrical raw density profile – less damage
- +** Excellent cutting properties – fast and precise installation

APPLICATION AREAS



Insulation of timber frame, timber frame construction, and similar cavities.

Interior wall insulation.

Insulation of room partitions.

Thermal conductivity λ : 0,049 W/mK

Density ρ : 230 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® THD install pro

Insulation board with pre-milled installation channels.

AGEPAN® THD install pro, featuring pre-milled channels, is a versatile wood fibreboard compliant with EN 13171. Used indoors as wall and roof insulation, it is vapour-permeable, thermally insulating, and moisture-regulating, ensuring balanced temperatures and a pleasant, comfortable indoor climate – the perfect component for modern, comfortable living. Thanks to its pressure-resistant surface, it is suitable both as an installation layer and as reliable interior insulation. The solid top layer allows for the direct installation of gypsum boards and even for plaster application using approved systems (e.g. Rotkalk from Knauf Gips KG) or clay plasters.

BENEFITS

Extremely high strength, allowing electrical installations without additional effort.

- ✚ Direct screwing with a bolt load of 25 kg per screw – material and time savings
- ✚ Electrical installation possible without additional effort – less working time, lower costs
- ✚ High abrasion resistance – fewer fibres in the plaster, time and material savings
- ✚ Extremely high strength due to asymmetrical raw density profile – less damage
- ✚ Excellent cutting properties – fast and precise installation

APPLICATION AREAS



Insulation of timber frame, timber frame construction, and similar cavities.

Interior wall insulation.

Insulation of room partitions.

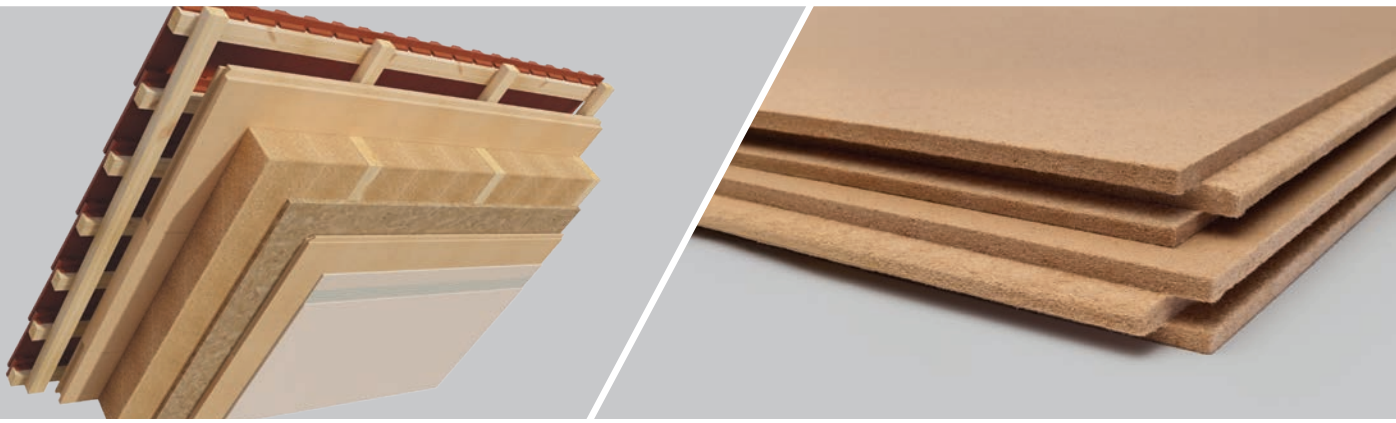
Thermal conductivity λ : 0,049 W/mK

Density ρ : 230 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN[®] UDP inside

The practical interior board.

The lightweight, particularly stable and plasterable AGEPAN[®] UDP inside is an insulating wood fibreboard for interior construction with a tongue and groove profile, which complies with EN 13171. Due to its handy format, the AGEPAN[®] UDP inside can be easily processed. With its vapour-permeable and moisture-regulating properties, the ecological wood fibre insulation board contributes to a pleasant and healthy indoor climate.

BENEFITS

Lightweight, particularly stable and plasterable interior board in easy-to-handle format, usable on both sides and suitable for plastering.

- ✚ Small format, low weight – easy handling in interior construction
- ✚ Plasterable – coatings with approved mineral and clay plasters
- ✚ Open to diffusion and moisture-regulating – pleasant living climate
- ✚ Craftsman-friendly – easy processing with standard woodworking machines
- ✚ Can be used on both sides – little waste, quick and easy processing

APPLICATION AREAS



Interior ceiling insulation (underside) or roof insulation installed beneath the rafters or structural framework, including solutions such as suspended ceilings.



Insulation of timber frame, timber frame construction, and similar cavities.

Thermal conductivity λ : 0,051 W/mK

Density ρ : 270 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



AGEPAN® TEP

The dry screed board.

AGEPAN® TEP is an insulating fibreboard with a lengthwise groove and insertable MDF tongue, in compliance with EN 13171. Thanks to its resistant surface, AGEPAN® TEP can be used as a dry floor construction element and covered directly with laminate, parquet flooring or floorboards. Floorboards are screwed directly into the MDF tongue. An additional load-bearing layer is not necessary. AGEPAN® TEP is an ideal surface for warm and comfortable walking.

BENEFITS

Durable and fast to lay in flooring areas.
An ideal surface for warm and comfortable walking.

- ✚ Asymmetrical density profile – ideal load transfer
- ✚ Extremely high strength – reduces the risk of damage
- ✚ Uniform, abrasion-resistant surface – suitable for a wide range of floor coverings
- ✚ Tongue and groove installation system – easy and secure installation
- ✚ Solid top layers – precise cutting edges

APPLICATION AREAS



Internal insulation of the ceiling or floor slab (top side) under screed without sound insulation requirements.

Thermal conductivity λ : 0,049 W/mK

Density ρ : 230 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.



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AGEPAN® Flex

Flexible wood fibre cavity insulation.

AGEPAN® Flex is a flexible wood fibre insulation mat according to EN 13171, suitable for cavity insulation in walls, ceilings, and roofs. Its flexible yet firm structure allows it to be cut precisely and quickly, saving time and minimizing waste. This creates little dust and dirt, which significantly improves the working environment. The high clamping effect ensures a secure hold in the cavity and enables easy, safe and quick installation. AGEPAN® Flex provides excellent thermal insulation, ensuring a pleasant indoor climate, reducing the need for air conditioning, and saving energy in the long term. Its high vapor permeability offers reliable protection for the structure.

BENEFITS

Stable and easy-to-fit insulation for roofs, ceilings, and walls, offering excellent thermal performance.

- ✦ Excellent summer heat and winter cold protection – high insulation performance
- ✦ Vapor permeable and moisture-regulating – for a healthy indoor climate
- ✦ Particularly firm and stable – high clamping force, easy to install
- ✦ Homogeneous fibre structure – clean processing, low dust formation, minimal cleaning effort
- ✦ Can be used on both sides – little waste, quick and easy processing

APPLICATION AREAS



Interior insulation of the ceiling (underside) or the roof, insulation between the rafters/ supporting structure, suspended ceiling, etc.



Insulation between rafters, double-layer roof, non-walkable but accessible top floor ceilings.



Interior wall insulation.

Insulation of partition walls.

Insulation of timber frame, timber frame construction, and similar cavities.

Thermal conductivity λ : 0,036 W/mK

Density ρ : 50 kg/m³



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® OSB 3 Ecoboard

The load-bearing panel.






AGEPAN® OSB 3 Ecoboard is a high-performance wood-based panel which complies with EN 300/EN 13986. It can be used as an airtight layer or vapour barrier in vapour-permeable constructions, so that use of additional foil is unnecessary. The use of AGEPAN® OSB 3 Ecoboard in constructions meets the specifications of EN 1995-1-1 (Eurocode 5). AGEPAN® OSB 3 Ecoboard offers excellent results in the construction sector and can be used as a multipurpose panel for structural purposes and for loading-bearing and in roof, wall and floor areas.

BENEFITS

For universal, load-bearing use in timber frame constructions, serving as a vapour barrier and suitable for fire protection constructions.

- ✚ Density $\geq 600 \text{ kg/m}^3$ – suitable for fire protection constructions in accordance with DIN 4102-4
- ✚ Use as airtight layer due to high sd-value
- ✚ Available in a variety of formats
- ✚ Coordinated AGEPAN® system product
- ✚ Available via a comprehensive dealer network
- ✚ QDF listed

APPLICATION AREAS

-  AGEPAN® OSB 3 Ecoboard is suitable for load-bearing purposes for use in humid conditions (utilisation class 1 & 2) and is recommended for applications in residential and industrial construction such as:
-  • Floor constructions
-  • Stiffening wall elements and roof panels
-  • Roof panelling
-  • Transport packaging

Density ρ : $\geq 600 \text{ kg/m}^3$



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.





AGEPAN® OSB 4 Ecoboard

The heavy-duty load-bearing panel.

AGEPAN® OSB 4 Ecoboard is a high-performance wood-based panel which complies with EN 300/ EN 13986. It can be used as an airtight layer or vapour barrier in vapour-permeable constructions, so that use of additional foil is unnecessary. The use of AGEPAN® OSB 4 Ecoboard in constructions meets the specifications of EN 1995-1-1 (Eurocode 5). AGEPAN® OSB 4 Ecoboard is suitable for all construction applications and for load-bearing and structural purposes in roof, wall and floor areas requiring excellent load-capacity and added dimensional stability.

BENEFITS

For universal, heavy-duty load-bearing use in timber frame constructions, serving as a vapour barrier and suitable for fire protection constructions.

- ✦ Density $\geq 600 \text{ kg/m}^3$ – suitable for fire protection constructions in accordance with DIN 4102-4
- ✦ Use as airtight layer due to high sd-value
- ✦ Available in a variety of formats
- ✦ Coordinated AGEPAN® system product
- ✦ Available via a comprehensive dealer network
- ✦ QDF listed

APPLICATION AREAS



AGEPAN® OSB 4 Ecoboard is suitable for heavy-duty load-bearing purposes for use in humid conditions (utilisation class 1 & 2) and is recommended for applications in residential and industrial construction such as:



- Floor constructions
- Stiffening wall elements and roof panels
- Roof panelling
- Transport packaging

Density $\rho: \geq 610 \text{ kg/m}^3$



Use products that are certified accordingly: PEFC certified products can be delivered on demand and within availabilities. Please specify when ordering.







OUR VISION

AGEPAN® shapes the future of building with sustainable wood fibre solutions that connect people and nature. We aim for every construction project to preserve the climate, and enhance quality of life – today and for future generations.

OUR MISSION

Our mission is to be our customers' and partners' first choice for sustainable and efficient wood fibre products by developing **high-quality, easy-to-use, and reliable building materials that meet the demands of today and tomorrow.** Through innovation, partnership, and customer focus, we drive change in the construction industry.

OUR VALUES

Valuable solutions for high-quality timber constructions.

PARTNERSHIP

INNOVATION

EXPERTISE



/ For everyone who associates timber construction with a proud tradition and a promising future, **AGEPAN® is your reliable partner offering valuable solutions to help your project succeed with ease.**





 **AGEPAN**[®]

Your AGEPAN[®] partner



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