







BIESSE
AirForce System

What "Using Glue" Means

BUYING GLUE

"To run a standard machine it is necessary spending constantly money in buying further glue"

- ✓ MONEY
- ✓ SPACE TO STOCK GLUE

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What "Using Glue" Means

GLUE CHANGEOVER

"Every time the process requires different applications or different board and tape color it is necessary to switch the Glue"

- ✓ WASTING OF TIME
- ✓ WASTING OF GLUE

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GLUE MAINTANANCE

"As all other components, also the Glue Pot requires Maintenance which is probably them most advanced and common in the Edgebanding Machines"

- ✓ WASTING OF TIME
- ✓ WASTING OF GLUE
- ✓ PRODUCTION STOPED

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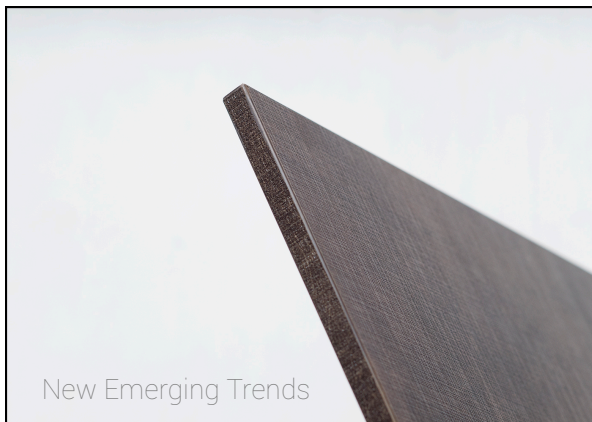
What "Using Glue" Means

QUALITY LEVEL

"The Achievable Quality is just compromises the customer has to accept"

	Price	Glue Line	Heat R.	Moisture R.	Water R.
EVA	✓✓	x x	x x	x x	x x
PUR	x	✓	✓✓✓	✓✓✓	✓✓✓

1. PUR ensure **thinner Glue Line** but if the panel is touched several times it get dirty
2. Not a good result finishing **Textured Panels** because still needs of Glue Scraper
3. PUR Requires so much more attentions than EVA in term of **Maintenance**



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New Emerging Trends

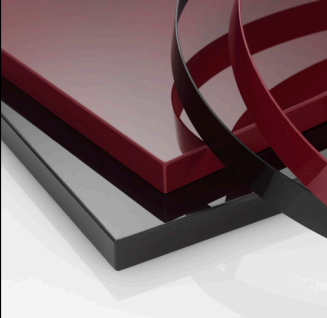
TEXTURED PANELS

"It is already a European Standard and it is getting popular worldwide"

- ✓ HARD TO BE FINISHED DUE TO IRREGULARITIES
- ✓ GLUE SQUEEZED OUT IS HARD TO BE REMOVED

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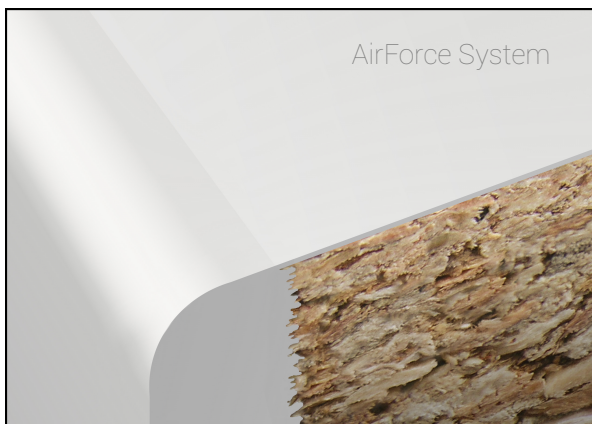
New Emerging Trends



HIGHGLOSS PANELS

"It is already a European Standard and it is getting popular worldwide"

- ✓ HARD TO BE FINISHED DUE TO THE PEAL COAT
- ✓ REQUIRES NO GLUE LINE




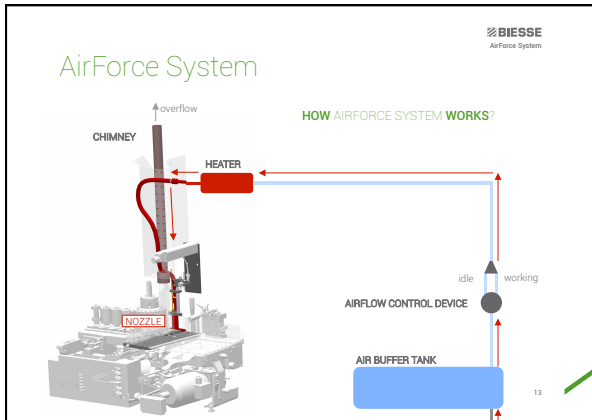
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GENERAL OVERVIEW

"AirForce System Device is a revolutionary technology able to melt directly the tape ensuring a perfect edge bonding without the use of glue"





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PROBLEM SOLVER

	Price	Glue Line	Heat R.	Moisture R.	Water R.
EVA	✓✓	xx	xx	xx	xx
PUR	x	✓✓	✓✓✓	✓✓✓	✓✓✓
AFS	xx	✓✓✓	✓✓✓	✓✓✓	✓✓✓

- PUR ensure **thinner Glue Line** but if the panel is touched several times it get dirty
 - **AFS ensure NO GLUE LINE** and you can touch it 1000 time - always clean
- Not a good result finishing **Textured Panels** because still needs of Glue Scraper
 - **It does not requires Glue Scraper - Perfect for Textured Panel Application**
- PUR Requires a so much more attentions than EVA in term of **Maintenance**
 - **AFS requires just to blow off the nozzle for 60 sec every day**

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COST OF INVESTMENT

* The cost is related to several factors *

	Glue cost	Tape Cost	Device Price
PUR	xx	✓✓✓	xx
AFS	✓✓✓	xx	xxx

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RETURN OF INVESTMENT

" The return of investment has to consider several factors "

	PUR	AFS
DARK/WHITE TAPE CHANGEOVER	20 min/day	2 min/day
MAINTANANCE	10 min/day	1 min/day
WARM UP TIME	45 min/day	3 min/day
total	75 min/day 25 h/month	6 min/day 2 h/month
	300 h/year	24 h/year

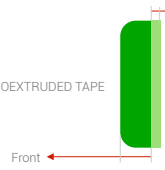
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HOT AIR TAPE | AVAILABILITY

"Currently AirForce System requires dedicated tapes able to be melt in correct way.
Hot Air Tapes are the solution for this request"

COEXTRUDED TAPE



Back
0.2mm


- ✓ PVC
- ✓ ABS
- ✓ PP
- ✓ PMMA

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HOT AIR TAPE | AVAILABILITY


"The main players are actually aligned with the availability of the Standard Tape, but a lot of other Tape Supplier are earning market share "





45/50



50/50



AFS / STD
50/50

The Experts in Edging

