

PRODUCT EVALUATION FORM

TREND Q

FORMULARIO DE EVALUACIÓN DE PRODUCTO · FICHE D'ÉVALUATION DU PRODUIT

PRODUCT EVALUATION FORM

COLOR	QUESTIONS	RESPONSE	ADDITIONAL
ENVIRONMENTAL THIRD PARTY CERTIFICATION	i.e. Forest Stewardship Certification, Energy Star, Greenguard, Carpet and Rug Green Label, South Coast Air Quality Management District limits, Green Seal standard, EPA ETV, BIFMA method M7.1-2005, FloorScor, etc.	GREENGUARD Certification # 90206.	Additional certification are in progress.
LOCATION	Where is the product manufactured? From where is the product distributed?	Sebring, Florida, 33870, USA	Produced and distributed from the same location.
	From where are the product's raw materials extracted, harvested, or recovered?	It varies from color to color. Every color has its own Tech Sheet where we provide all these info.	The distance of extraction for the various raw materials varies from 50 miles up to 850 miles. Average from 70 to 85% of raw material is closer than 500 miles from the manufacturing facility.
CONTENT	Does the manufacturing process use any rapidly renewable materials or agricultural waste?	No.	N/A.
	Does the manufacturing process use post-consumer recycled materials?	Yes, the percentage of post consumer recycled glass varies from color to color. Info included in the TECH SHEET.	Post-consumer recycled content varies from 30 up to over 60% depending on the color.
	Does the manufacturing process use pre-consumer recycled materials?	Same as above.	Pre-consumer recycled content varies from 6 up to over 30% depending on the color.
	Does the manufacturing process use a closed loop systems? Or downcycled, repurposed process? Is your product reusable? Do you accept it back to recycle into new product? Or, is it recycled into another product?	Not at this time. We are studying the process.	
WASTE MANAGEMENT	Does installation of this product involve waste material?	No.	
	Can the product easily be taken apart for reuse or recycling? Describe process of disassembly.	We are currently delivering the waste from the cutting proces to a company that produces mosaic. In this way we are reducing waste to landfill by over 70%.	
	Are costs to the user to get the product recycled? (shipping, packaging).	No return accepted at this time.	
	What is the process of reclamation?	We are studying a process that would allow us to be able to acctep the return of reclaimed material and to reprocess it.	
	Does disposal of your product present any known environmental risks? Is your product biodegradable?	No hazard for humans. Trend though advises to dispose of its engineered surfaces by taking them to the proper recycling site. Since our engineered surfaces contain resin, we advise to contact the closest municipal recycling site and ask.	
	Is packaging minimized or reusable, or does it contain any recycled material?	We have eliminated the use of carton boxes for the shipment of TREND Q. We use wood pallets that can be recycled. We tend to collect our own pallent within a certain radius from the manufacturing facility.	We collect over 50% of the pallets/crates we use.
ENERGY	Does the manufacturing of your product reduce energy consumption compared to the manufacture of similar products?	Hard to say in absece of a LCA. Nonetheless our prodcution is less energy intensive compared to Natural Stone and Ceramic Tile.	
WATER	Does the manufacturing of your product reduce water consumption compared to the manufacture of similar products?	Hard to say without a proper LCA. Trend has reduced substantially its use of water and we dotreat and recycle the water use in our process.	
LIFE CYCLE ANALYSIST	Has a life cycle analysis been done on the product? If so, was it by an independent third party? Which one?	We will conduct one within between 2011 and 2012 after having performed ISO14001.	
RESOURCES	Does the manufacturing of your product conserve natural resources compared to the manufacture of similar products?	Yes, our material is generally thinner compared to ALL the available choices in the USA.	Compared to other manufacturer of engineered surfaces we consume from 1/2 up to 5 time less raw materials.

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PERFORMANCE SPECIFICATIONS	Antimicrobial protection?	Our material is basically not absorptive and so it is easy to clean and maintain.	
	COF/ADA compliance?	> 0.61 on wet.	ASTM Available
	Stain resistance?	Yes.	
	Wear ratings?	Good	ASTM Available
	Fire rating?		ASTM Available
	Acoustic ratings?	N/A.	
EMISSIONS & TOXINS	Does the product, its installation, or its maintenance emit any known airborne toxins or require any toxic substances? (i.e. VOCs, HCFCs, CFCs, urea formaldehyde, etc.) Provide MSDS sheet.	GREENGUARD CERTIFIED FOR CHILDREN & SCHOOL. TVOC < 0.012 mg/cubic meter. Install using MAPEI GRANIRAPID or Laticrete 2437+211 rapid or comparable materials with FAST SETTING and LOW VOC emissions.	Trend Q does not contain any harmful substance and so does not require MSDS sheet.
WARRANTEE MAINTENANCE	How do you guarantee performance of the product? Describe warranties and lease-back options.manufacture of similar products?	We guarantee that the material shipped is conform to our quality standard. compared to Natural Stone and Ceramic Tile.	Material to be free from any defect, material to be of the same shade, material to be calibrated in thickness.
	What is the expected service life of this product?	Over 30 years if properly maintained.	
	What is the recommended cleaning and maintenance procedure for the product?	Material to be cleaned with regular household products. Natural products, with no acids are preferable. Depending on the use of the material, a once a month special cleaning may be necessary to degrease the surface.	Mop regularly with clean water adding only natural off the shelf cleaning agent (windex for exable). Once a month use a degreaser if necessary.
	Current building applications?	Wachovia Bank, over 300 different locations, Osaka Airport, Grand Canay Island Airport, VW headquarters Virginia, Nokia Theater NY, and others.	
LIFE CYCLE ANALYSIS	Has a life cycle analysis been done on a product? If so was it by an independent third party? Which one?	Not yet.	
LEED	Is there any other way your company addresses sustainability or achieves LEED credits?	Trend is extremely aware of the impact our materials and their productions have. It is our Mission to reduce our carbon footprint and to produce products that are less harmful to the environment. In the past few years we have eliminated the use of styrofoam from our boxes, and we use biodegradable pop corns, we have reduced the use of electricity by adding skylights in our production facilities; we have decrease the consumption of water and we have started a program to donate our waste to a company that will use it to create mosaic. there is a lot more to be done, we are just moving our first few steps ahead.	We have a Tech Sheet for all our colors/ collection that can be used to achieve points under the LEED rating system.
	Are there any installation or specification recommendations that would allow this product to be more sustainable? What adhesives do you recommend for installation?	We advise to use GRANIRAPID FROM MAPEI or LATICRETE 2437+211 Rapdthat is part of the group of ECO Adhesive from Mapei. Recycled the wood crate used to ship the material.	Visit www.mapei.com and download Grnairapid MSDS. Or www.laticrete.com . Granirapid complies with South Coast Air Quality Management Rule #1168.
FUTURE	Describe how the company is doing to develop new material formulations or new products that are more enviromentally sound?	Most of our new products will require the use of post ocnsumer recycled material. We are also analyzing wasy to reduce emission by using the HEAT of our kilns and transform them in electricity. We are expolring additional possibility one of wich is with Bloom Energy. finally we need to create a machine that will allow us to recycle our own materila after it has been reclaimed.	
OTHER		Technology in the "green"arena is developing at a fast pace. We are looking at resins made with biodegradable products, and other materials that could allow our product to reduce its current impact on environment.	