Product Description	
	• **Extremegreen™** is a high density structurally rated magnesium cement board.
	• **Extremegreen™** is a cementitious sheet building material that can be used as a direct replacement for exterior sheathing industry standards such as OSB or Plywood. Racking + shear values are similar to both of the aforementioned products.
	• **Extremegreen™** outperforms most other sheet building materials from an impact, fire, water, mold, mildew + termite resistance standpoint. It is non-combustible + carries a zero flame spread + zero smoke developed rating.
	• **Extremegreen™** contains zero toxic inputs + is rated as zero off-gassing.
	• **Extremegreen™** contains no fly ash, formaldehyde or crystalline silica + is completely people safe + contractor friendly.
	• **Extremegreen™** is a versatile building material + can be used in many varied applications, such as exterior sheathing, interior wallboard, ceilings, sub-floors, roof underlayment, backerboard, soffits, fire rated exterior sheathing, internal fire walls, fire rated soffits + fire rated sub-floor assemblies.
	• **Extremegreen™** is manufactured in a controlled, low energy, factory environment. It is a homogenous, toxin-free, inorganic mineral based product + is available in varying thicknesses and sizes, with tapered edges, shiplap, tongue + groove, or traditional butt joints.
	• **Extremegreen™** is quick + easy to install when used as an interior wallboard. It is taped + plastered in a similar fashion to drywall, but uses 50% less plaster + a Level 5 finish is achievable with as little as one coat of primer + one finish top coat, a 50% saving.
	• **Extremegreen™** nominal 1/2" single skin fire wall assemblies also outperform drywall in 1-hour and 2-hour fire rated wall assemblies.

Products	
	• **Extremegreen™** Fire Rated Wallboard
	• **Extremegreen™** Fire Rated Exterior Sheathing
	• **Extremegreen™** Fire Rated Sub-flooring
	• **Extremegreen™** Smooth Lap Siding
	• **Extremegreen™** Wood Grain Lap Siding
	• **Extremegreen™** Soffits
	• **Extremegreen™** Backer

Product Sizes + Dimensions

Thicknesses
- Imperial: 1/8" I 1/4" I 5/16" I 3/8" I 1/2" I 5/8" I 3/4"
- Metric: 3mm I 6mm I 6.5mm I 8mm I 9mm I 10mm I 12mm I 15mm I 16mm I 20mm

Dimensions
- Imperial: 3' x 5' I 4' x 8' I 4' x 9' I 4' x 10'
- Metric: (mm) 915 x 1525 I 1220 x 2440 I 1220 x 2750 I 1220 x 3050

Lap Siding
- Imperial: 5/16" x 8-1/4" x 12'
- Metric: 8mm x 210mm x 3660mm

Soffits
- Available in smooth and wood grain; ventilated and non-ventilated in most thicknesses.
- Imperial: 12", 18" + 24" x 8', 9' + 10'
- Metric: 305mm, 455mm + 610mm x 2440mm, 2750mm + 3050mm.

Custom
- Custom thicknesses and dimensions available by request. Subject to minimum order.

Note
- All boards and soffits are fire rated over 1/2" or 12mm. Contact Extremegreen Building Products for further details and assemblies.

Product Benefits	
	· **1.0 Fire Resistant**
	Extremegreen™ has unsurpassed fire resistance. 0 / 0 rating for flame spread + smoke developed. Multiple cost effective fire rated wall and sub-floor assemblies. Non-combustible.
	· **2.0 Water Resistant**
	Impervious to water. **Extremegreen™** can be submerged for extended periods of times with no loss of structural integrity. Dimensionally stable when saturated.
	· **3.0 Mold Resistant**
	Does not feed mold or mildew. Zero organic matter. 0/0/0 rating for mold propagation.
	· **4.0 Impact Resistance**
	High impact resistance. **Extremegreen™** can withstand high traffic, high impact areas such as hospital corridors, schools, hotels, prisons + heavy traffic areas, even blows with a hammer.
	· **5.0 No Blocking**
	Excellent fastener holding capacity. Eliminates the need for blocking entirely. Fasten handicap rails, big screen TV's, and kitchen cabinets directly into **Extremegreen™**.
	· **6.0 Non-Toxic**
	Zero toxic manufacturing inputs. Does not contain any fly ash, formaldehyde or crystalline silica. Rated as zero off-gassing. Completely people safe + contractor friendly.
	· **7.0 Termite Resistant**
	No organic matter. Zero foodstuff food stuff for wood boring insects including termites + carpenter ants.
	· **8.0 Low Water Content**
	Cured in a temperature and relative humidity controlled curing chamber. Only 5% water content. Less than drywall.
	· **9.0 Life Expectancy**
	Install cost + life cycle cost of **Extremegreen™** is far lower than competing fiber-cement board + gypsum based products.
	· **10.0 Finishing**
	Finishing costs as much as 50% lower than competing fiber-cement + gypsum based products. Quality of finish also far superior. Level 5 pant finish achievable with only one coat of primer + one finish top coat.

Product Applications	
	· **Extremegreen™ Fire Rated Wallboard** is designed to be used internally or externally as a drywall replacement. It is taped and plastered in a similar fashion to traditional drywall. A level 5 finish is achievable with one coat of primer and one finish top coat. It can be nailed or screwed. It performs particularly well in fire rated wall assemblies.
	· **Extremegreen™ Fire Rated Exterior Sheathing** is designed for use as a fire rated external structural sheathing. It can be nailed or screwed to studs and provides a smooth finish surface that be be painted, stuccoed, sealed or house wrapped.
	· **Extremegreen™ Fire Rated Sub-flooring** is designed as a single layer subflooring, to which tiles, hardwood flooring and laminate flooring can be applied directly. It can span 24" o.c. and can be nailed or screwed. For best results it is recommended that all sub-floors are glued and screwed.
	· **Extremegreen™ Smooth Lap Siding** is an exterior grade lap siding that can be nailed directly into exterior sheathing.
	· **Extremegreen™ Wood Grain Lap Siding** is an exterior grade lap siding that can be nailed directly into exterior sheathing.
	· **Extremegreen™ Soffits** are designed to provide fire rated ventilated or non-ventilated soffits.
	· **Extremegreen™ Backer** is designed as a water resistant non-combustible tile backerboard.

Product Packaging	• **Extremegreen™** is shipped on pallets with protective cover sheets, corner protection, banded + wrapped in plastic.
	• Each board is labeled with an individual serial number + QR code for traceability.
	• Each pallet is labeled with an individual pallet sticker on each of the four vertical faces. The pallet sticker contains an individual QR code specific to the boards on the subject pallet.
	• Warranty is activated by scanning the QR code using the **Extremegreen™** Ap, which can be downloaded from the iTunes Ap Store.
	• Pallet sizes are 3' x 5', 4' x 8', 4' x 9', 4' x 10' + 4' x 12'.
	• All pallets loaded to a maximum of 5,000 lbs (2,273 Kg).
Product Storage	• **Extremegreen™** boards should be stored in a cool, dry environment and should remain in the manufacturer's packaging bearing the brand name and manufacturer's logo and Listing Number until ready for use.
	• **Extremegreen™** boards should be stored on the manufacturer's pallets off the ground and away from standing water. To protect edges from damage, do not store **Extremegreen™** boards vertically.
	• To prevent the risk of injury, do not stack **Extremegreen™** boards higher than 10 feet high.
	• Loose storage of **Extremegreen™** boards is not recommended.
	• Cover **Extremegreen™** boards with a waterproof material when stored outdoors or on site to protect against weather, direct sunlight, surface contamination, and construction traffic. This will make finishing preparation easier.
Warranty	• All **Extremegreen™** products come with a Limited Lifetime Warranty.
	• Contact Extremegreen Building Products, LLC., or retailer for further information.
Limitations	• **Extremegreen™** shall not be placed within 8 inches of exposed earth unless a suitable method of protection against termites and decay is approved by the local building official.
	• **Extremegreen™** shall not be exposed to sustained temperatures exceeding 125 ºF.
	• **Extremegreen™** shall be protected by an approved water resistive barrier.
Code Compliance	• **Extremegreen™** is tested + certified by NTA, Inc., an ISO accredited independent testing agency, to ASTM and NFPA standards + is fully compliant with the 2009, 2012 + 2015 International Building Code + International Residential Code.
	• NTA Inc., conducts **Extremegreen's** Third Party Quality Assurance Program + publishes its Listing Report. The **Extremegreen™** Listing Report + **Extremegreen™** fire wall assembly reports can be found at **www.ntainc.org**.
	• **Extremegreen's** NFPA 285 report can be found at **www.intertek.com**.
Installation Guidelines	• See **Extremegreen™ Installation Manua**l for installation instructions and assembly details.
	• **Extremegreen™ Installation Manual** can be downloaded from the Extremegreen Building Products website at: **www.extremegreenbp.com.**
Finishing + Decorating	• For high quality finishing results, Extremegreen Building Products recommends the following products:
	• **Extremegreen™** Water Resistant Mud (Elastomeric Setting Compound
	• **Extremegreen™** Fire Mud (Elastomeric Setting Compound)
	• **Extremegreen™** Quick Drying Primer (Quick Drying Stain Blocking Primer)
	• **Extremegreen™** Flaw-Hide (Heavy Duty Primer)
	• **Extremegreen™** Vella Fino Stucco (Internal / External Elastomeric Synthetic Stucco)
	• **Extremegreen™** Vella Fino Primer
	• **Extremegreen™** Vella Fino Sealer
	• **Fibafuse®** Paperless Drywall Tape

Testing + Certification	• **ASTM E84-15a** (UL 723; UBC 8-1; NFPA 255) Flame Spread Index = 0; Smoke Developed Index = 0 • **ASTM E119-14** (ANSI/UL 263) 1-Hour + 2-Hour Non-Load-Bearing Fire Rated Wall Assemblies • **NFPA 285** 2012 Edition Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components • **ASTM C1185-08** Flexural Strength • **ASTM C1185-08** Flexural Strength After Construction Durability Exposure • **ASTM C1185-08** Flexural Strength Degradation due to Thermal Aging • **ASTM C1185-08** Flexural Strength Degradation due to UV Exposure • **ASTM C1185-08** Flexural Strength Degradation at Extreme Temperatures • **ASTM C1185-08** Flexural Strength Degradation due to Freeze / Thaw • **ASTM C1185-08** Flexural Strength Loss due to Water Exposure • **ASTM D7032-24** Temperature Effects (-20 ºF and +125 ºF) • **ASTM D7032-24** Accelerated Thermal Aging (90 Days at 125 ºF and 185 ºF) • **ASTM D2559-10a** Water Soak Cycles • **DOC PS 2-10** Six Cycle Test • **ASTM C666-03** Freeze Thaw 300 Cycles • **ASTM D7032-14** Ultraviolet (UV) Resistance Test • **ASTM C1185-08** Density / Specific Gravity (68% ºF / 65% RH) • **ASTM C1185-08** Moisture Content • **ASTM D2718-00** Shear Strength • **DOC PS 2-10** Linear + Thickness Expansion due to Relative Humidity • **ASTM D3500-90** Axial Tension • **ASTM D3500-90** Tensile Strength • **ASTM D3501-05a** Compressive Strength • **ASTM D1037-12** Fastener Lateral Capacity (Conditioned + Soaked) • **ASTM D1037-12** Fastener Withdrawal (Conditioned + Soaked) • **ASTM D1037-12** Fastener Head Pull-Through (Conditioned + Soaked) • **AWPA D6815-09** Duration of Load + Creep Effects Modified by **ASTM C1185-08** + **ASTM D2990-09** • **ASTM E228-11** Linear Thermal Expansion (-40 ºC to +60 ºC) • **ASTM G21-15** Resistance to Funghi • **AWPA E12** Fastener Corrosivity
Compliance	Complies with 2009, 2012 + 2015 International Building Code + International Residential Code.

Submittal Approvals

Job Name:	
Contractor:	
Date:	