Introduction

• Vitafoam Nigeria PLC – Leading manufacturer of flexible and reconstituted foam products in Nigeria and West Africa (Ghana and Sierra Leone).

• The company and her subsidiaries specialize in enhancing quality lifestyle and offering complete comfort with a rich product mix that consist of Foam, Furniture (wood and metal), Beddings, Insulation, Molded products, Footwears and Filters.

• Subsidiary companies include:
  – Vitapur Nigeria Ltd - Insulation (Rigid foam) and chemical systems
  – Vono Products PLC – Furniture (Wood and metal)
  – Vitablom Nigeria Ltd – Beddings (bedsheets, duvets, pillows etc)
  – Vitavisco Nige rai Ltd – Visco elastic molded products & EPE
  – Vitagreen Nigeria Ltd – Footwear
  – Vitaparts Nigeria Ltd - Filters
Rigid Polyurethane Foam Insulation – THE VITAPUR ADVANTAGE
Isn’t all insulation the same?
Why Rigid Polyurethane foam?

• Excellent adhesion
• Stable & Durable – functions well beyond 50 years
• Resistant to moisture
• Ease to use
• Cost: Highly competitive
Rigid PUF Properties

- Average $R$ value of 1.14 $m^2\cdot k/w$ per inch.
- Temperature range: $-180^\circ C$ to $+140^\circ C$
- Moisture permeance rating of 1.2
- Resistant to most chemicals especially Petrochemicals
Rigid Polyurethane Foam

Polyurethane is different from most plastic materials in that it can be tailored to meet varying applications.

Rigid polyurethane (RPU) foam is available in two variants:

- **PUR**
  produced by reacting an equal ratio of di – or polyisocyanurates with polyols, in the presence of water, which acts as the blowing agent.

- **PIR**
  formed when a higher ratio of di – or polyisocyanate are mixed with the polyols.
Availability

Products & services are available as

- Sandwich panels
- Pre-insulated Roof
- Insulated Doors (Hinged and Sliding)
- Isoboard
- Spray polyurethane foam
- Pre-cut pipe sections
- Prefabricated Structures

Available in densities 32 – 50kg/m$^3$ used for the majority of insulation

Higher densities of 60 – 160kg/m$^3$ also available
Vitapur has developed competencies and acquired technology and equipment to provide polyurethane insulation services:

• purpose built facility with adequate storage facility for raw materials and finished products
• Equipment for both on-site and off-site applications
• Testing facilities for Quality control
• Trained personnel
• Foreign technical partnerships
Where to find us - Coldchain?

- Insulated Boxes
- Insulated Tri-Cycle/Push Carts
- Coldrooms/Blast Freezers
- Insulated Trucks
- Insulated Display shelves
- Market Coldroom
Products & Services

Sandwich Panels
Products & Services

Pre-insulated Roof
Products & Services

Coating application
Products & Services

Half-shell Pipe Scales and Profiles
Products & Services

Pipe sections
Applications

Bulkhead molding

Molding
Applications

In-situ Pipe Insulation
Applications

Storage Tank Insulation
Capabilities

- Installed Plant Capacity of 1350Sqm/day
- Length of Panels : 14.7m Maximum
Capabilities

CNC Profile cutting Machine
Capabilities

Onsite spray machine
Previous Projects

Insulated Panels
Previous Projects

Freezers/Chillers/Coldrooms
Previous Projects

Telcos / Equipment Shelter
Previous Projects

Insulated Tri-cycle
Previous Projects

Insulated Tri-cycle
Previous Projects

Coldstores
Previous Projects

Floor/Roof/Slab Insulation
Previous Projects

Cleanrooms
Previous Projects

Spray foam
Previous Projects

Spray foam
Previous Projects

Prefab - Landmark Events Center
Previous Projects
Previous Projects
Previous Projects

Prefabs
Contacts

- Yinka Erinle
  olayinka@vitapurinsulation.com.ng
  08186510238

- Afeez Babatunde
  afeez@vitapurinsulation.com.ng
  08174589733

info@vitapurinsulation.com.ng
www.vitapurinsulation.com
Thank you for your attention