PRESENTATION ON CAHYANA™ GEOFOAM PROJECT: LAMBEUSOE BRIDGE, LAMNO, ACEH, SUMATRA, INDONESIA

A photo of Baiturrahman Mosque, Banda Aceh

Road to Base Camp, Lamno, 80.5KM South from Banda Aceh

Welcome to Aceh

Road to Base Camp, Lamno, 80.5KM South from Banda Aceh

Road to Base Camp, Lamno, 80.5KM South from Banda Aceh

Base Camp, Lamno, 80.5KM South from Banda Aceh

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Grub soil before placing Geofoam

Grub soil before placing Geofoam

Grub soil before placing Geofoam

Grub soil before placing Geofoam

Before Bridge, Cars Traffic by River Raft

USAID

DARI RAKYAT AMERYKA

Km 805

USAID
FROM THE AMERICAN PEOPLE

USAID: Dari Rakyat Amerika

Before Bridge, Cars Traffic by River Raft

Before Bridge, Cars Traffic by River Raft

Before Bridge, Cars Traffic by River Raft

Geofoam Properties

- Total usage : 1475 cubic meter (net)

- Geofoam Quality is ASTM D6817 EPS-22
  - ❖ Compressive Resistance 1%-strain = 50 kPa   =   5,0 t/m2 = 0,50 kg/cm2
  - ❖ Compressive Resistance 5%-strain = 115 kPa = 11,5 t/m2 = 1,15 kg/cm2
  - ❖ Compressive Resistance 10%-strain = 135 kPa = 13,5 t/m2 = 1,35 kg/cm2
  - ❖ Flexural Strength = 276 kPa*

- In sizes of
  - ❖ 6000mm x 1000mm x 600mm
  - ❖ 5200mm x 1000mm x 600mm
  - ❖ 3000mm x 1000mm x 600mm
  - ❖ 2600mm x 1000mm x 600mm
  - ❖ 6000mm x 1000mm x 300mm
  - ❖ 5200mm x 1000mm x 300mm
  - ❖ 3000mm x 1000mm x 300mm
  - ❖ 2600mm x 1000mm x 300mm, etc., according to geofoam layout drawing

Geofoams with their IDs

Field Cutting Geofoam

Installing Geofoam

Installing Geofoam

Reinforce-bars after Geofoam, Geomembrane, and Geotextile

Reinforce-bars above Geotextile, Geomembrance and Geofoam

ShearProtect Connector Plate

Reinforce-bars above Geotextile, Geomembrance and Geofoam

Open Traffic (END)

Thank you for you Attention, Terima kasih! Questions? Pertanyaan?

visit www.cahyana.com or email: cahyanaeps@gmail.com