



PERFORMANCE IN COATINGS

C.U.I. & HIGH THERMAL
COATING TECHNOLOGY

June 2016



Coating Under Isolation (C.U.I.) PRODUCTS SYSTEM



PERFORMANCE IN COATINGS

GN101HT - NEW EPOXY SOLVENT FREE SYSTEM

- **SYSTEM DESIGN FOR WIDE ANTICORROSIVE APPLICATION ENVIRONMENTALLY FRIENDLY.**
- **SPECIALLY DESIGN FOR APPLICATION ON STEEL SURFACES ON OPERATION WITH TEMPERATURES UNTIL 240 C.**
- **IDEAL FOR PIPELINES AND STEEL TOWERS ON OPERATION.**
- **HUMIDITY & RUST CONVERSION / INHIBITOR PROPERTIES / BARRIER ON ONE COATING SYSTEM - GN101 TECHNOLOGY.**



GLOBALNAVY- Tintas e Revestimentos Lda.
CUI SYSTEM COATINGS - 2016



GlobalDur – GN101High Temperature



PERFORMANCE IN COATINGS

NEW EPOXY SOLVENT FREE SYSTEM (CONT.)

- **APLICABILITTY ON WET/HYDROBLASTED SURFACES.**
- **SPECCIALY DESIGN FOR EASY APPLICATION-ROLLER/AIRLESS.**
- **FAST CURING AT HIGH TEMPERATURES.**
- **HIGHER ADHESION – LONGER PERFORMANCE.**
- **DIFERENT COLOURS POSSIBLE.**
- **COMPOSITE FIBERGLASS BINDER (FOR WEAR PADS PIPELINES, ETC.)**



GLOBALNAVY- Tintas e Revestimentos Lda.
CUI SYSTEM COATINGS - 2016



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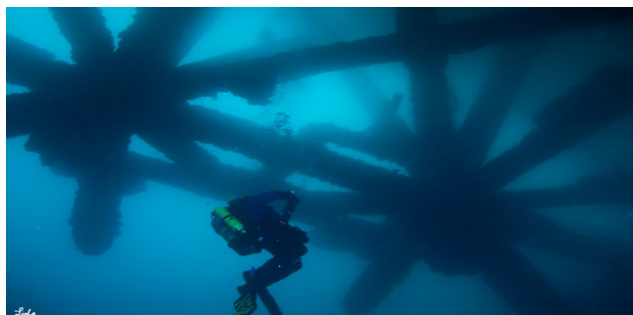
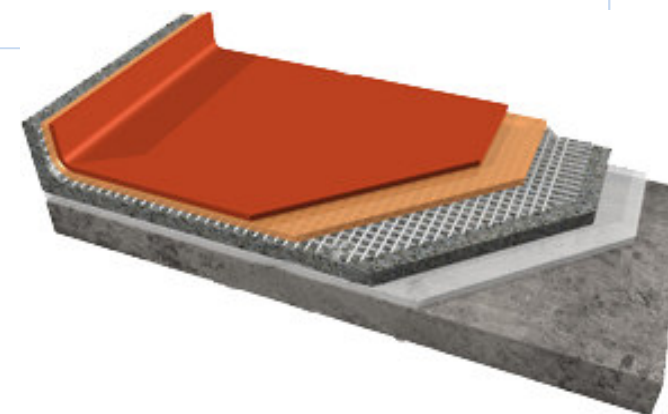
GlobalSyl – GN020HT



PERFORMANCE IN COATINGS

NEW SILICONE PAINT FOR CUI & HIGH THERMAL COATING

- **APLICABILITTY ON HIGH TEMPERATURES OPERATION SURFACES- APPLICATION OVER GN101HT.**
- **SPECCIALY DESIGN FOR HIGHER LIGHT FASTNESS RESISTANCE AND BETTER AESTHETIC LOOK.**
- **DESIGN AS A FINISH COATING ON CUI AND HIGH THERMAL SYSTEM WHEN APPLIED ON OPERATION – ONLY FOR HIGH TEMPERATURES (UNTIL 240 C).**
- **DIFERENT COLOURS POSSIBLE.**



GLOBALNAVY- Tintas e Revestimentos Lda.
CUI SYSTEM COATINGS - 2016

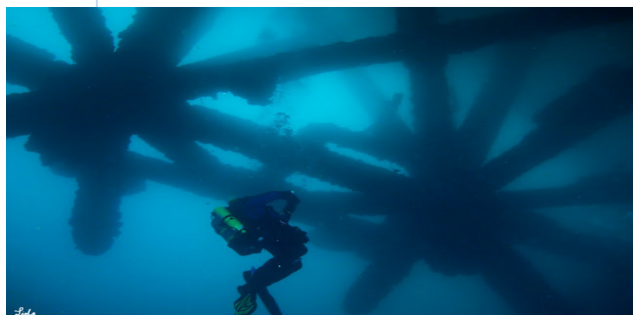
GlobalSyl – GN021HT



PERFORMANCE IN COATINGS

NEW SILICONE PAINT FOR CUI COATING

- **APLICABILTY ON NORMAL TEMPERATURES OPERATION SURFACES. APPLICATION OVER STEEL WITH GN101TE OR GNZS01HB AS PRIMER AND ON CONCRETE.**
- **SPECCIALY DESIGN FOR HIGHER UV RESISTANCE AND BETTER AESTHETIC LOOK.**
- **DESIGN AS A FINISH COATING ON CUI SYSTEM WHEN APPLIED ON NORMAL TEMPERATURE CONDITIONS.**
- **OPERATION CONDITIONS TEMPERATURES UNTIL 240 C.**
- **DESIGN AS FINISH COATING FOR PIPELINES AND TOWERS.**
- **DIFERENT COLOURS POSSIBLE.**



GlobalSyl – GN 010 HT



PERFORMANCE IN COATINGS

SMART COATING FOR PRESSURE-TEMPERATURE SAFETY WARNING EQUIPMENT

- **SMART COATING TEMPERATURE SENSITIVE COLOUR COATING FOR HIGH TEMPERATURES.**
- **CHANGE THE COLOUR FROM GREEN TO CREAM AT 200-220°C – BEING REVERSIVEL.**
- **CHANGE THE COLOUR FROM CREAM TO RED AT 280-300°C (IRREVERSIVEL).**
- **EASY APPLICABILITY ON EQUIPMENTS OVER SA21/2 OR GNZS01HB AS PRIMER.**



GLOBALNAVY- Tintas e Revestimentos Lda.
CUI SYSTEM COATINGS - 2016





C.U.I. & HIGH HEAT CONDITIONS

SYSTEM CONFIGURATION

- **ANTICORROSIVE SYSTEM:**
2X 150 microns of GN101HT
- **ANTICORROSIVE AND THERMAL ISOLATION**
1X 150 microns of GN101HT
1X GN103TE (thickness accordingly with the TI desired)

FOR BETTER LIGHT FASTNESS,

- 1x50 microns DFT of GN020HT (if application temperature is 50 – 240 C)**
- 1x50 microns DFT of GN021HT (if application temperature is <50 C)**



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