

# **Waste Water Treatment Plant Residual (WWTP)**

Nibong Tebal Technology Sdn.  
Bhd

# Waste Water Treatment Plant Residual (WWTP)

- In the process of recycling from wastepaper, fiber is extracted from the source for making tissue paper product and the remnants are termed as WWTP residual which will be disposed off.
- In order to reduced the residual to be disposed off, **Nibong Tebal Technology Sdn. Bhd (NTT)**, a subsidiary of NTPM Holdings Berhad has make use of the residual to be a renewable raw material for the development for **compressed board** (known as Grey Board) manufacturing facility in which from waste from the Paper Mill.



# Production of Grey Board

- Recycling from the waste and turning it as raw materials in the Grey Board Manufacturing line. This will definitely reduce the impact to mother earth and preserve for the next generation.
- In grey board production, it will be produced in various thickness and size for different industry needs.
- Application / Usage of Grey Board
  - Stationery : Packaging & Lever Arch Files Cover
  - Book cover, diary cover, ring binder, files holder, lever arch file cover, booklet cover & hangtag etc.
  - Cardboard Packaging: wine box, cosmetic box, gift box, packing gift box & Games Board etc.

# Sample of Application with Grey Board



*Pictures are for illustration purposed*

# Grey Board Information

- **Sheet Size available in**
  - 296\*210mm / 630\*348mm / 787\*1092mm / 2440\*1220mm (Maximum Size)
  - (Customized Size upon request)
- **Product Density & Moisture**
  - Density: 1.0gm /CM<sup>3</sup> & Moisture: 3% ~ 6%
- **Product Thickness**
  - 1.6mm / 1.8mm / 2.0mm / 2.2mm / 2.5mm / 3.0mm & 4.0mm
- **Product Surface**
  - Surface: Single Side Smooth only



# NTT – Arch Files

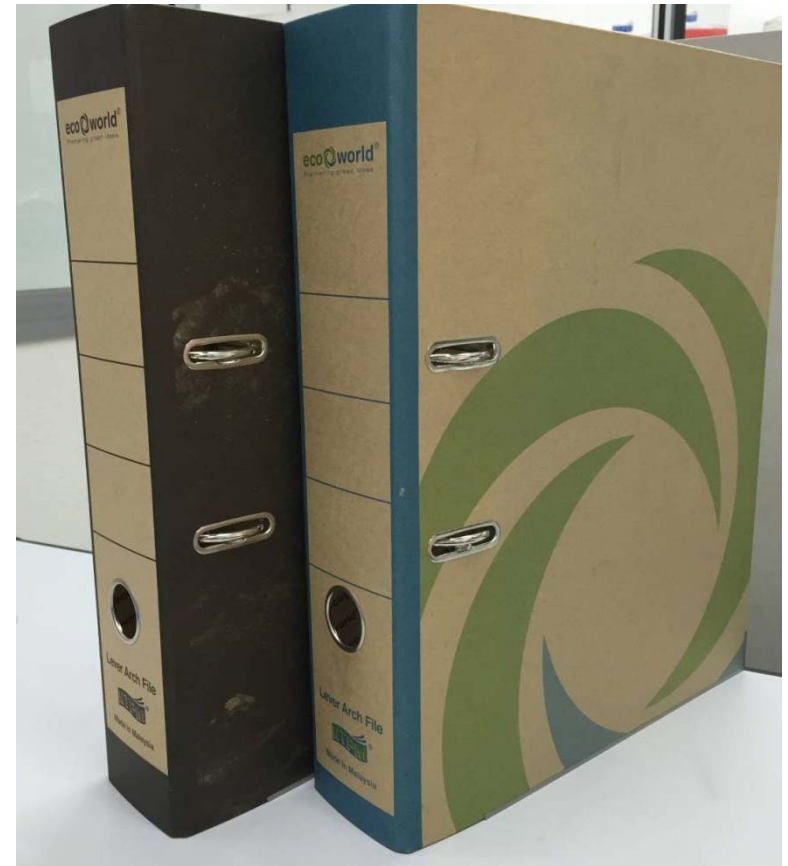


- NTT has started own production of Lever Arch File and Ring File under *Eco-world brand*.



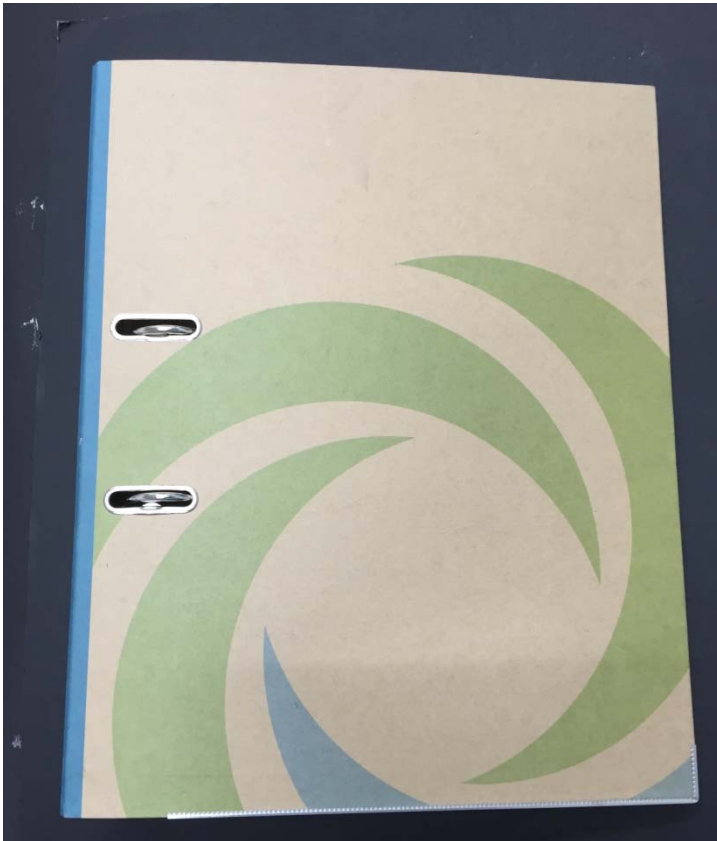
# Lever Arch File – Product Information

- Color : 2 color Design / Marble
- Width: 75mm (3inches)
- Paper Size: A4
- Number of Rings: 2
- Spine Type: Fixed Spine
- Board: 100% Recycled Material - Grey Board
- Cover Material: Brown Craft Paper
- **Carton Qty : 24pcs per carton**
- Barcode – Printed when FC



# Lever Arch File – Skus

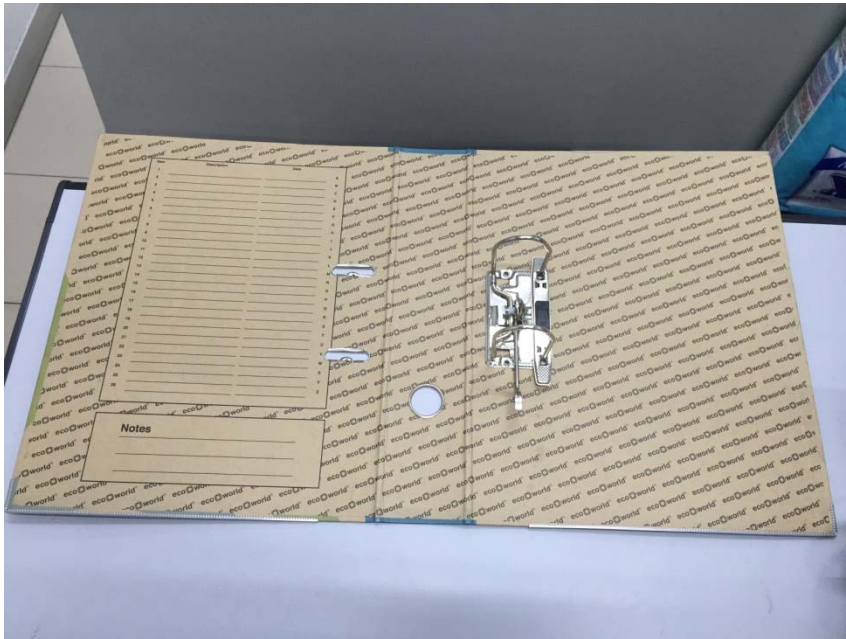
**Eco World Lever Arch File 75mm / 3” – 2 Colors design**



**Eco World Lever Arch File 75mm / 3” – Marble Design**



# Lever Arch File – Fixed Spine



# Future Product Expansion

- Paper File 1.5inch / 2inch / 3inch
- PVC File 1inch / 3inch
- Box File – Standard Size (A4)



# Thank You

- For more information, please email to [marketing@ntpm.com.my](mailto:marketing@ntpm.com.my)

*(update 15 April 2016)*