

The background of the slide is a close-up photograph of green leaves. The leaves are in various shades of green, from vibrant to light, and are slightly out of focus, creating a soft, natural texture. The lighting is bright, suggesting sunlight filtering through the foliage.

About Hanmero

Content

1

- Company introduction

2

- Production process introduction

3

- Material introduction

4

- Technology introduction

5

- Packing Information

6

- Construction

1. COMPANY INTRODUCTION

About Hanmero



Hanmero Building Materials Co.,Ltd is one of the biggest wallpapers manufacturers in China, specializes in the research, design, manufacture and marketing of different kinds of wallpapers, included: PVC wallpaper(Vinyl wallpaper), Non-woven wallpaper, Metallic wallpaper, non-woven paper wallpaper, pure paper wallpaper, fabric wallpaper etc.

We develop 6 collections annually and have nearly more than thousands of models now. Also any other upholstery & OEM wallpapers are all available here.

With a wide range of wallpapers, Hanmero wallpaper has gained great popularity around the world, and been sold to over 30 countries.

Our team



Our company team is comprised of ambitious people holding same corporate value. With a 30 people sales team, we have gained excellent sales performance from most of the business platform, including Amazon/Aliexpress/Ebay/Alibaba/Wish etc. If it were not the effort made by the whole team, we would not have made today's achievements and improvements.

With responsible, determinate and cooperation team spirit, we firmly believe that we can provide customers all over the world with satisfying products.

Location



Our factory locate in Hannan Industrial Area with more 100 workers. The production capacity of month is about 300000 rolls.

Quality Control



The high quality of Hanmero wallpapers is guaranteed. All Hanmero wallpapers must go through strict quality inspection before leave the factory.

Our advantage in design



In order to assuring best displaying of wallpaper, we established our own **photo studio and designer team** to make sure there are real shot and clear effect pictures for every models of our wallpaper. These pictures has helped our distributors to achieve better sales results during the past experience

Delivery



For assuring service our customers, Hanmero Wallpaper always maintain a large inventory. Besides, Hanmero Wallpaper also set up warehouse in US and UK, with an attempt to achieve the utmost customer satisfaction.

2. PRODUCTION PROCESS

2. Production process



1. Back paper sending



2. Mixing paste



3. Coating



4. Printing



5. Embossing



6. Quality Control



7. Collect rolls and packing

2.1 Back paper sending



Back paper sending: Making by several layers of paper, the weight is $90\text{g}/\text{m}^2$ or $100\text{g}/\text{m}^2$, transverse immersion elongation not more than 1.5%.

2.2 Mixing paste



Mixing paste: mixing raw material in the blender according to the formula, prepare PVC paste for next process.

2.3 Coating



Coating: Pasting the PVC paste on the surface of base paper evenly. After heating and plasticizing and form to semi-finished coating wallpaper.

2.4 Printing

Printing: Using printing roller and circular ink to print color and pattern on the surface of wallpaper. Different patterns will use different printing rollers.



2.5 Embossing



Embossing: Using embossing roller to emboss the texture effect on the surface of wallpaper, through heating and final formed.

2.6 Quality control



Quality control: Use a long platform to play a role in slowing the speed of the wallpaper, to facilitate the staff to check the wallpaper surface defects and quality.

2.7 Collect rolls and packing



Collect rolls and packing:
Each roll will go through
the heat shrink packaging
machine with the tag and
film packing.

3. MATERIAL INTRODUCTION

3.1 Nonwoven

Non-woven wallpaper is made by natural plant fiber with non-woven technology



Advantage	Disadvantage	Application
<ul style="list-style-type: none"> ➤ Soft and flexible ➤ Light ➤ Fabric feeling ➤ Breathable ➤ Color rendering ➤ Moistureproof ➤ Eco-friendly 	<p>The washable capability is not as good as PVC wallpaper.</p>	<p>Bedroom Kidroom</p>

3.2 PVC

PVC wallpaper use paper as basic layer, covering PVC film on it, made of by drying/composite/embossing/printing and other processes



Advantage	Disadvantage	Application
<ul style="list-style-type: none"> ➤ Strong sense of 3D with realistic of texture feeling. ➤ Waterproof ➤ Durable ➤ Easy to maintain and clean 	<ul style="list-style-type: none"> ➤ Harder than non-woven wallpaper; ➤ Its breathability is not brilliant, so the long-term paving in the moist environment will be prone to mildew 	<ul style="list-style-type: none"> ➤ Living room ➤ Kitchen

3.3 Nonwoven paper



Non-woven paper material is a kind of innovative base material which is designed for the high grade of wallpaper. It has a compelling material features, such as dimensional stability, high strength, high permeability, waterproofness, breathability etc. It can be considered as a perfect wallpaper substrate. Non-woven paper has better stability than traditional products, it is easy to peel off, easy to redecorate. It creates a special texture of the surface of paper, and offers countless designer's inspiration.

3.4 Metallic wallpaper



Metallic wallpaper is: Thermoprint a layer of metallic film on the normal PVC coating, then embossed on the surface and final formed.

4. MATERIAL INTRODUCTION

4.1 Wet embossing

There are several ways of embossing, dry embossing is the most common one. It transfers wet printing paste to the carrier through printing roll (the carrier can be paper/fabric or film). The embossing can start after liquid painting is heated and tend to solid.



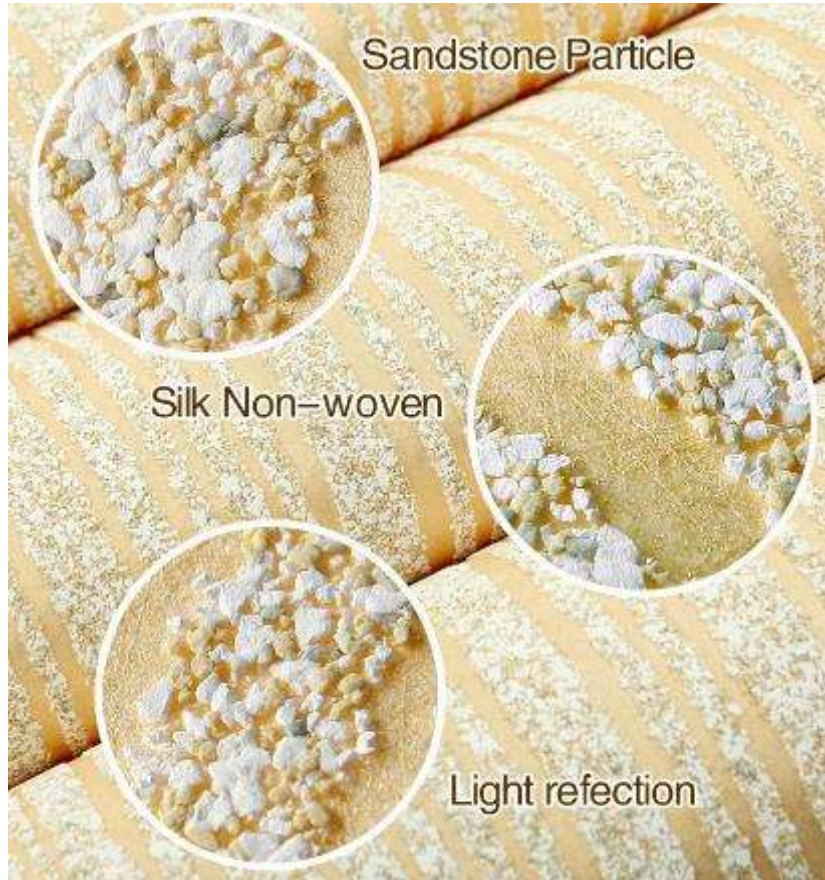
Wet embossing is a latest embossing technology, a special printing paste passing through a professional machine, which can do print/coating/embossing together. Beautiful texture has been embossed according to the design when the printing paste was liquid, then through heating and solidify process, the embossing texture will be more nature.

4.2 Multifilament



Multifilament is a newest material, which stick different specification material (like non-woven spinning, yarn, net cloth, textile fabrics, film) together by adhesive, after heating and drying, a new composite material is formed.

4.3 Sandstone particle



Sandstone particle: this is a loanword. Many products will use nature material as name to prove that their goods are valuable and eco-friendly. Nature sandstone is the rock particle which was formed after years weathering. The sandstone here means a kind of colorful plastic particles which imitate the nature sandstone style.

4.4 Dropping/Scatter beads



Dropping/Scatter beads is a habit saying for a processing technology of wallpaper. It is a product which need to drop different diameter of spherical particle on the pattern of wallpaper evenly by special technology, then through the drying-mold process.

4.5 Dropping particles



Dropping particles is the same technology with the dropping beads. The difference is one is round bead, the other is irregular shape particles.

4.6 Bronzing



Bronzing can be exactly said as “heat transfer gold foil printing” , it means the gold and silver foil with hot melt will be transferred to the patterns with adhesive by heating. Then the pattern will be formed with gold and silver foil effect under certain temperature and pressure.

5. PACKING INFORMATION

5.1 Our wallpaper size



Deep Embossed
wallpaper



Normal wallpaper



Wider wallpaper

5.2 Packing Size

Category	Length* width	Inner carton size	Inner carton weight	Carton size	Roll/carton	cbm	Cartons/20 GP	40HQ	Cart on weig ht
Normal wallpaper	0.53*10 M	74*74*546	150g	326*326*556	16rolls/cart on	0.06	466Cartons/ 7456rolls	1133Car tons/18 128	2kg
Deep embossed wallpaper	0.53*10 M	86*86*546	150g	376*376*556	12rolls/cart on	0.08	350Cartons/ 4200rolls	850Cart ons/102 00	2kg
Wide wallpaper	0.7*8.4 M	86*86*722	150g	378*295*732	12rolls/cart on	0.08	350Cartons/ 4200rolls	850Cart ons/102 00	2kg

5.3 Single Packing

SINGLE PACKING



5.4 Carton Packing

CARTON PACKING



CARTON PACKING



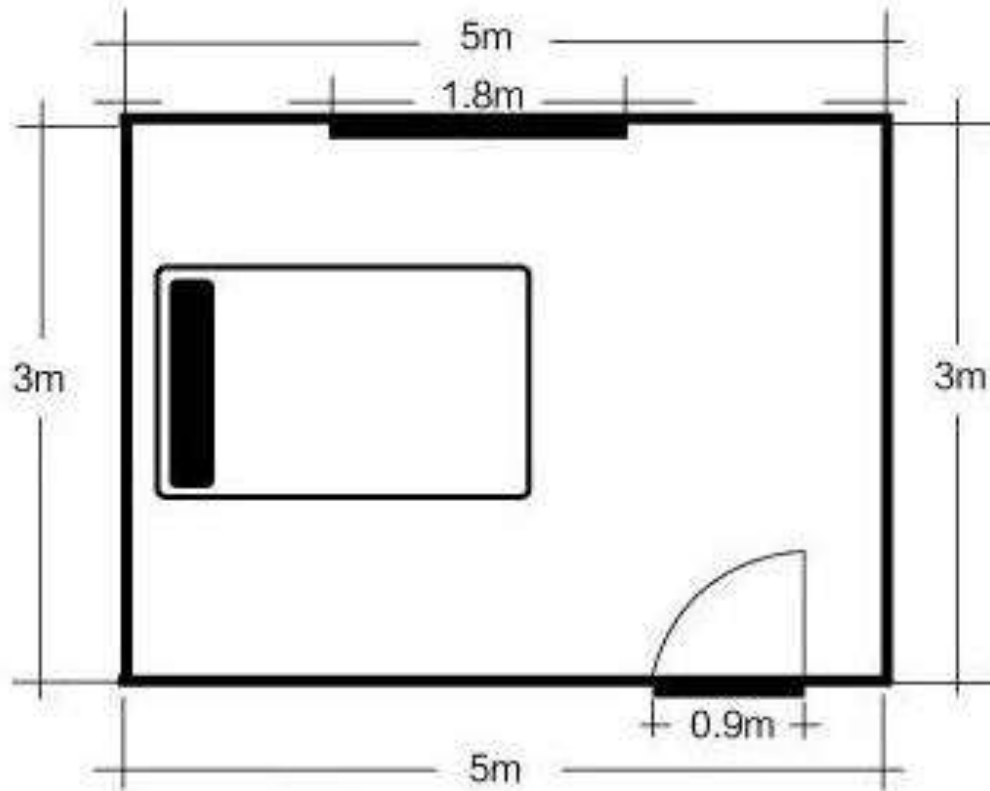
Neutral Packing



Packing With hanmero logo

6. CONSTRUCTION

6.1 How to count the quantity



The calculate of perimeter wall:

1.The example on the left is represent of one bedding room ,the Width is 5 m ,Length is 3m , so the total perimeter is $16m=(5+3)*2$

2.The total width of pasting wallpaper = whole room perimeter-door width-the window width $13.3m=16-0.9-1.8$ ($2.3 \leq$ Wall units height $\leq 2.9m$)

Quantity reference

The width range of wall	Quantity
$0m < W \leq 1.59m$	Q=1 roll
$1.59m < W \leq 3.18m$	Q=2 roll
$3.18m < W \leq 4.77m$	Q=3 roll
$4.77m < W \leq 6.36m$	Q=4 roll
$6.36m < W \leq 7.95m$	Q=5 roll
$7.95m < W \leq 9.45m$	Q=6 roll
$9.45m < W \leq 11.13m$	Q=7 roll
$11.13m < W \leq 12.72m$	Q=8 roll
$12.72m < W \leq 14.31m$	Q=9 roll
$14.31m < W \leq 15.90m$	Q=10 roll

The room's wall width is 13.3M, according to the left table, it will need 9 rolls of wallpaper

6.2 Construction

Application Procedure

1.Tools preparation



Bucket/Ruler/Pencil/Tape/Scissor/Knife/
Quasi heart hammer/Rag/Sponge/Brush/
Scraper etc.

2.Treatment for wall surface



Smoothing the wall, then brush
wallpaper primer. do the moisture
treatment.After drying off, measure t
he wall's length and width.

3.Checking and cutting



Checking the wallpaper's model No.,
batch No. ,quantity, whether has defects.
After that, cut the wallpaper according
to the wall's size.

6.2 Construction

4.Brush Glue



Blend the water and glue in proportion, then using roller to brush the glue on the back of wallpaper. **Note: the non-woven wallpaper can brush the glue on the wall directly.**

5.Paste wallpaper



Paste the wall vertically. Use the scraper to scrape the wallpaper. Please keep the pattern in register. Cut the rest of wallpaper by knife.

6.Switch boxes handing



Mark an "X" on the position of switch box by knife, use scraper to smooth the round of the switch box. Cut the wallpaper along the edge of it. tear up the rest wallpaper finally.

+ **[Warm Note]** In order to dry wallpaper in the shade, please make sure to close the window after construction. The time should be 24-36 hours in the summer, 48-60 hours in the winter.