

### Making resilient vinyl flooring products

This presentation will look at heterogeneous and homogeneous vinyl manufacturing plus cleaning



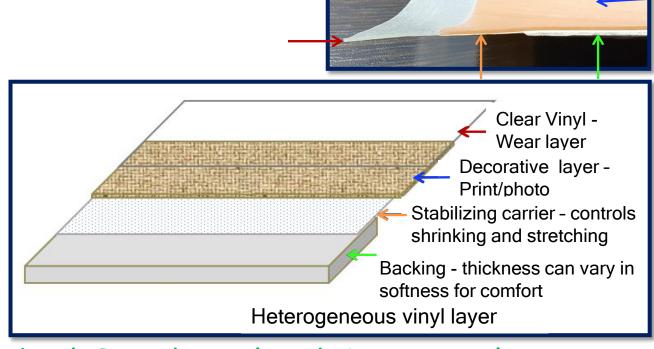
## Vinyl sheet make up

Mainly Polyvinyl resins - Most common PVC



Exploded photo of a side view

#### Heterogeneous - more than one layer



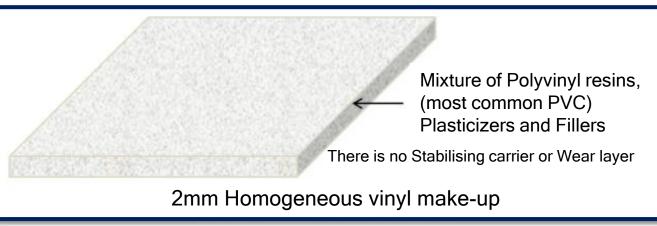
Teachables

For both Residential and Commercial areas

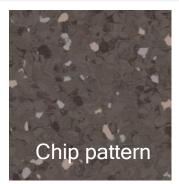
# Vinyl sheet make up

#### Homogeneous - one solid layer









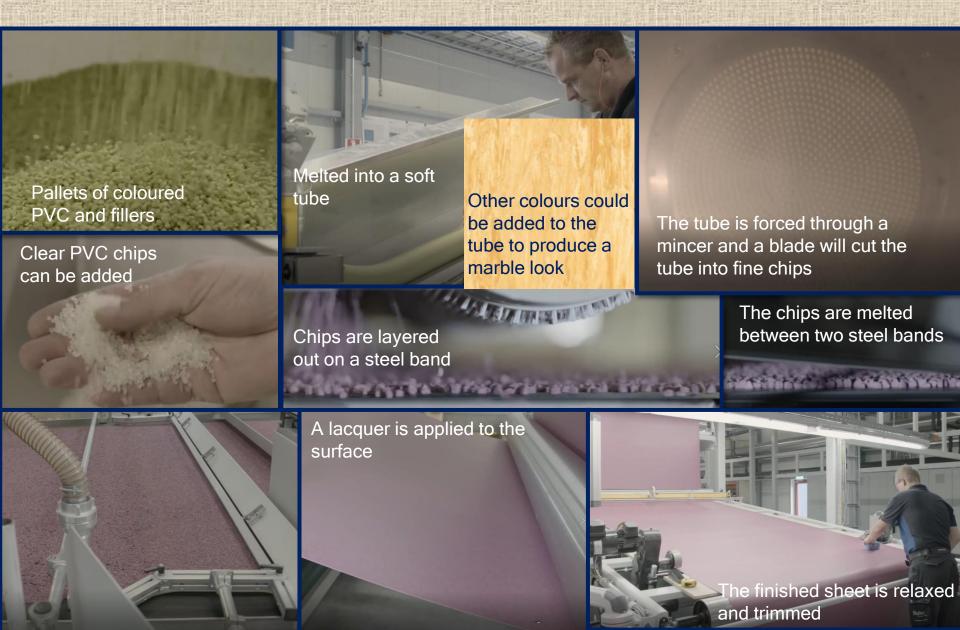
For Commercial areas



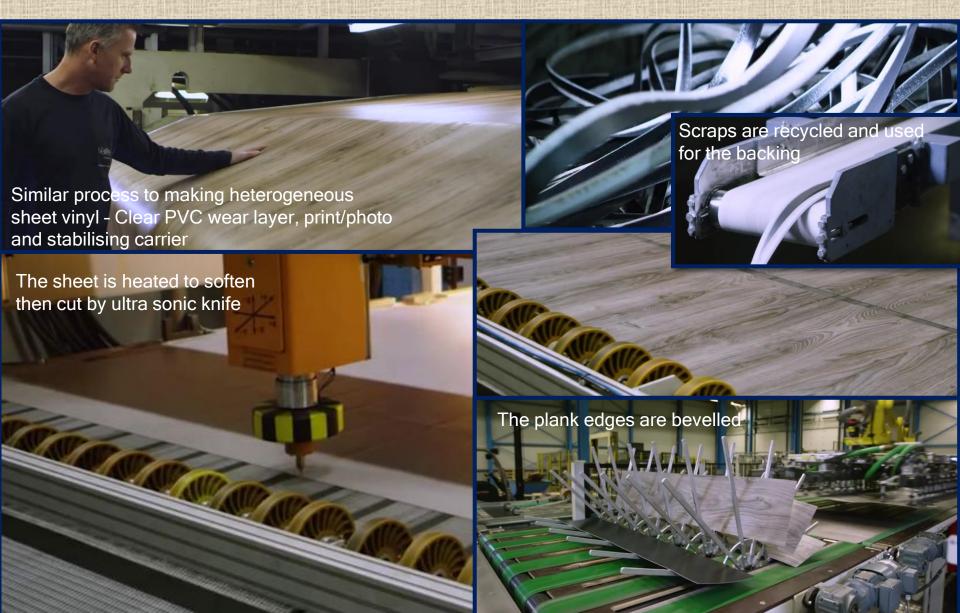




## Making homogeneous chip vinyl



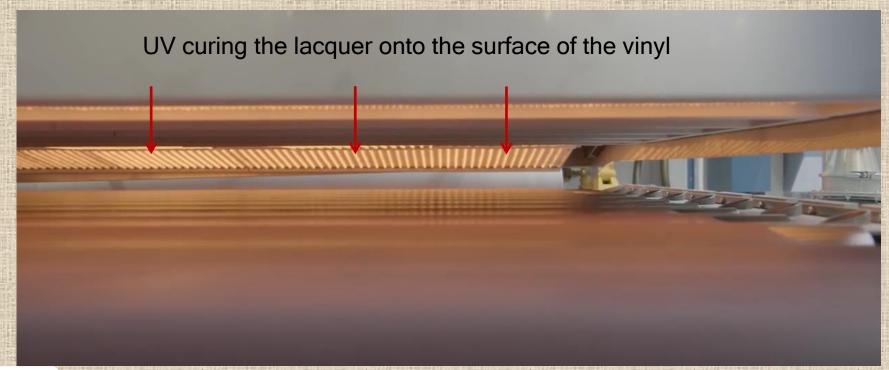
# Making vinyl plank LVP



## Applying a factory finish lacquer to vinyl

The common terminology for lacquers are Poly Urethane Reinforced (PUR) or Polyurethane (PU)

These are designed for easy cleaning, low maintenance





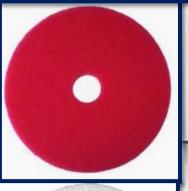
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### Maintaining a factory applied coating

The procedure involves







Red pad to remove fine scratches

After drying, dry buff

White pad final buff

The combination of friction with the nylon pad, PVC and laquer creates a low sheen finish

### Applying a coating onsite after installation

Cheaper floor coverings will need a protective coating applied after the installation.

While these floor coverings are cheap to purchase, they can be expensive to maintain. Supermarket VCT tiled floors are an example



### Maintaining residential vinyl

Residential vinyls have a coating applied to the wear layer

- Mopping for regular maintenance,
- May need a scrub for periodic maintenance

