

MENTAL HEALTH FACILITIES



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SOUTH AFRICA

**Flooring
& building
protection
solutions**

Who utilises this facility?

Patients

Different ages with varying mental health conditions that need additional support (medical, environmental, therapeutic) to function in activities of daily life before returning to their community.

Staff

Assisting in operations of the facility, notably healthcare workers directly involved in the medical, environmental, and therapeutic support of patients.

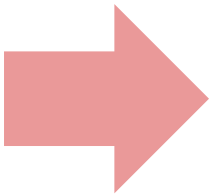
Family

Integral members of a patient's support team and community.

How does Polyflor help?



We merge **1** an understanding of patient, staff, and family needs
with **2** principles of environmental influence on people
to **3** provide flooring and building protection solutions



- **Hygiene**
- **Safety and accessibility**
- **Sensory considerations**
- **Comfort**
- **Colour**
- **High traffic and impact areas**
- + **Installation Checklist**
- + **Mitigating Risk**

Flooring & building protection solutions...

*... considering people's needs
and environmental principles*

Hygiene

Easy to clean

- Polyurethane coated products require the **lowest invasive and cost-effective maintenance regime**
- Impervious/ waterproof
- Durable
- Flexible

- **Examination rooms**
- **Medical wards**
- **Bathrooms**

Vinyl sheeting and wall finishes to **comply with DoH KZN's IPC regulations** and international standards.

Options for hygienic floor and wall finishes.

Safety and accessibility

Non-slip

- Smooth floor covering with good non-slip ratings “R10”
- Low sheen finishes reduce glare, improving walking confidence and stability

Wayfinding (use of two monochromatic colours/ border)

- Use colours within the same tone with 30 LRV differentials
- Continue border across staff service doors and stop at patient bedrooms and bathrooms

Containment

- Bordering a wide passage encourages feeling of containment, “being held”



Safety and accessibility

Railings

- **Sense of safety**, containment, and emotional support from environment
- **Reduce falls** with physical support for patients with poor balance and impaired mobility (elderly, psychotic, sedated)
- **Improve accessibility** for staff and family with impaired mobility



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Sensory considerations

Perceptual difficulties

Ability to interpret the environment (space and depth) using light.

Psychosis

- Avoid sudden changes in the flooring colours and patterns in patient areas
- Use borders in “open areas” such as passages to guide and contain
- Use wayfinding

Visual impairment

Elderly

- Use wayfinding (borders with a 30 LRV differential)
- Use colour on doors/ door frames
- Floor colour different from wall

Sensory considerations

Auditory

Patients need sense of privacy, confidentiality, space to build relationships.

Easily overstimulated

- Vinyl reduces noise levels by 4dB
- SilentFlor PUR up to 19dB

Smell

Easily overstimulated

- Low VOC emissions ensures good indoor air quality

Temperature

Influences sense of safety and mood

- Vinyl is a thermal insulator(excellent thermodynamic properties)



Comfort

*Environment can support a **patient** with:*

- Containment
- Mood regulation
- Improved sleep quality
- Initiating social connections
- Developing family relationships
- Fostering trustworthy relationships with medical staff
- Decreased institutionalisation
- Preventing re-traumatisation

*Environment can support **staff** with feeling calm and rested to support patients, family, and the community at large.*

Colour

Use of colour can affect a person's feelings and behaviour, and their perception of a space

NB Colour Principles *(based on research)*

- Natural colors increase connection to nature and groundedness
- Colours from home environment are less clinical, more comfortable
- Lighter-colored rooms are perceived as more open and less crowded
- Cool colors (**blue, green, purple**) have a calming effect
- Warm colours (**red, orange, yellow**) are more stimulating
 - and deeper hues can arouse more negative emotions
- Visual complexity (patterns) can increase stress and anxiety

Space	Recommendations
Patient recreation and activity rooms	Increase attention, limit distractions, decrease overstimulation Warm and inviting I.e. earth tones (neutral), light yellow (warm)
Patient isolation rooms	Avoid clinical appearance Sense of calm, safety, containment for patient I.e. blues, earth tones
Patient bedrooms	Reduce stimulation Homely I.e. earth tones
Patient passages	Reduce traffic from gatherings Increase patient wayfinding/ movement into larger areas I.e darker hues

Use of colour can affect a person's feelings and behaviour, and their perception of a space

Space	Recommendations
<p>Patient gathering areas</p> <ul style="list-style-type: none"> - Dining area - Meeting room - Lounge 	<p>Reduce feeling of overcrowding (lighter colour) Create smaller inviting areas to relax or converse (warm) I.e. light yellow and orange</p>
<p>Medical assessment rooms</p>	<p>No yellow or blue (affects skin tone) Avoid clinical appearance I.e. earth tones</p>
<p>Staff work areas</p> <ul style="list-style-type: none"> - Nurses station - Meeting room - Social worker and psychology 	<p>Warm and homely, comfortable Encourage pride and productivity in space Encourage professionalism I.e. wood look-alike sheeting</p>

Use of colour can affect a person's feelings and behaviour, and their perception of a space



LRV 29



(29)

LRV 58



(25)

LRV 33





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High traffic and impact areas

Rubber bumpers

- Goods receiving/ laundry/ waste disposal areas
- Hysters, large food and laundry trolleys



High traffic and impact areas

Dual rail crash protection

- Set according to equipment used
- Height and type to be determined by equipment





Installation Checklist

- Screed soundness
- Screed moisture levels
- Contaminants
eg. bitumen or epoxy
- Screed temperatures
- Water ratios, temperatures & manufacturer's instructions
- Correct tools
- Proper preparation



Mitigating Risk

- ❑ **Specify Class 1 screed (builder is accountable)**
- ❑ **Specify 4-5mm self-leveller**
- ❑ **Specify moisture barrier**
- ❑ **Contractors are trained, with correct equipment**

References

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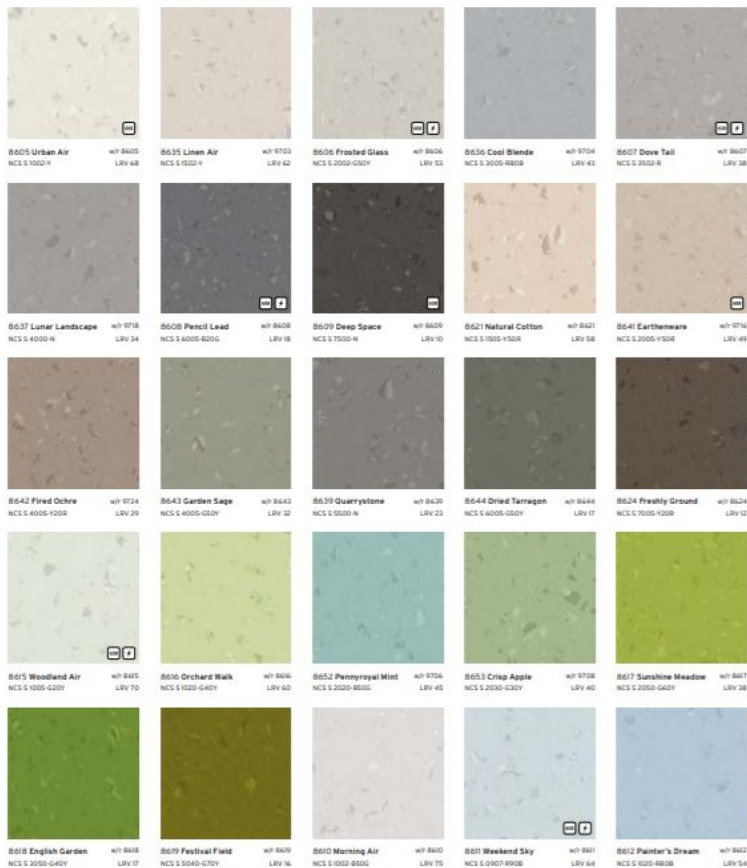
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FOR
COLOUR
FOR
CHOICE
THINK
PALETTONE.

Palettone PUR Collection



All Palettone PUR shades feature complementary toned highlights. Decoration and shade may vary slightly from the samples shown.



Palettone PUR Sheet 2 x 20m 50 shades Palettone PUR Tile 60x60cm 50 shades Palettone SD Sheet 2 x 20m 6 shades

