

# Anti-Slip Base Structure Overview

## Why Base Grip Matters

Most slip incidents don't happen because of water — they happen when wet surfaces lack controlled friction.

### 1. Base Surface Design

Feature	Our Splash Pad
Bottom Texture	Fine anti-slip micro-texture
Texture Density	Evenly distributed
Surface Feel	Secure, not abrasive
Comfort Level	Barefoot-friendly

#### Design principle:

Fine-grain texture increases grip without creating discomfort, allowing kids to run, turn, and stop naturally.

### 2. Stability on Common Surfaces

Tested for typical backyard conditions:

- Grass lawns
- Patio tiles
- Concrete surfaces
- Composite decking

The textured base reduces unwanted shifting caused by:

- Water flow
- Body movement
- Uneven ground

### 3. Safety-Oriented Design Logic

- No sharp ridges or raised bumps
- No detachable anti-slip pads that can peel off
- Grip is built into the material itself

#### Result:

Reliable traction without adding complexity or failure points.

#### Summary Statement

True safety doesn't come from extra parts.

It comes from stable materials, reinforced structure, and smart surface design.