



FEATURES & BENEFITS:

APPLICATION DEPTH
From only 20mm bonded



WALK ON
24-48 hours



SHRINKAGE:
300-500 µm/m



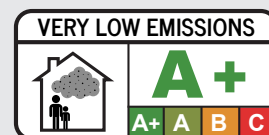
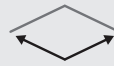
WORKING TIME
Up to 3 hours



STRENGTH
CT-C20-F4 to CT-C30-F6



BAY SIZES
Up to 150m²
(100m² if heated)



- ✓ For bonded, unbonded or floating screeds
- ✓ Walkable from 24 to 48 hours
- ✓ High productivity - install up to 1,500m² per day
- ✓ No additional curing required
- ✓ Thinner minimal depths from 20mm bonded

- ✓ Minimal shrinkage - approx. 0.3-0.5 mm/m
- ✓ Offers exceptional workability and smoothness
- ✓ Ideal for fully encapsulating underfloor heating pipes
- ✓ Backed by ARDEX UK, a trusted brand in the industry
- ✓ Specified with Polypipe UFH systems on NBS Source

THICKNESS

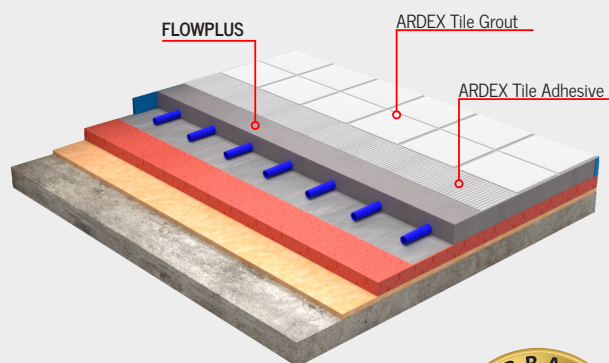
	Domestic:	Commercial:
Floating on insulation	≥ 40mm	≥ 50mm
Unbonded on Polyethylene	≥ 30mm	≥ 40mm
Underfloor Heating	25mm above pipes	30mm above pipes
Bonded Thickness	≥ 20mm	≥ 20mm

DRYING AND RH VALUES

Residual humidity of the screed:	Drying period:
3.0 CM-%	Approx. 14 days
2.0 CM-%	Approx. 28 days

* 50mm unheated screed at 20°C and 65% RH

FULL ARDEX SYSTEM



Install with certainty: use FLOWPLUS and ARDEX finishing products together for a full 10-Year System Warranty.



Building tomorrow



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DAY

1

Keep everything closed

Close all windows and doors, especially during the **first 24 hours** after application, to protect from rapid drying, direct sunlight, wind, draughts and frost. (Maintain a minimum temperature of $\geq 5^{\circ}\text{C}$ for the first 4 days).

DAY

2-7

Light foot traffic only

The screed can take light foot traffic but **no machinery**. Keep heavy traffic, scaffolding and equipment off for a minimum of 7 days, and maintain the controlled, closed environment as above.

DAY

7

Ventilate & protect

After 7 days, windows and doors can be opened intermittently to remove surplus moisture by means of **draught-free ventilation**. Do not use fans or vented dryers for the first 21 days.

If subsequent trades, heavy traffic, scaffolding or equipment are needed, distribute point loads using minimum **18mm plywood boards** under scaffold feet, props and equipment. Protect the screed surface from contamination by plaster, paint, adhesives and other materials during subsequent building operations.

DAY

14

Commission UFH

If underfloor heating is installed, start the thermal commissioning cycle no earlier than 14 days: 3 days at 25°C → 3 days at 35°C → 2 days at 45°C → 3 days at 35°C → 3 days at 25°C . Flow temperature must not exceed 45°C .

DAY

28

Moisture test for readiness

Test for moisture using the Carbide Bomb test to assess readiness for the final floor covering. The floor is ready to receive resilient flooring at or below **2.0 CM-%** fully reached in around 28 days at 50mm unheated (20°C , 65% RH). Thicker screeds and site conditions extend drying times. If UFH is installed, the thermal cycle must be complete before any finish goes down.

Before flooring, lightly grind the surface (60–120 grit) and vacuum thoroughly.

7

The first 7 days are critical

Keep the building closed: no draughts, no direct sun, no fans or forced drying, and keep it above 5°C . FLOWPLUS has integral curing under normal site conditions; uncontrolled early drying is the main cause of cracking.



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