



**GYP SOL HTC** is the latest innovation in flowing screed technology from Francis Flower Ltd offering a screed specifically designed for use with underfloor heating and cooling systems. It may be used with conventional heat sources as well as with renewable technologies. It is not pipe specific and is suitable for use with any underfloor heating system and in any type of construction subject to suitable engineering, including over timber floors, Lewis decking, and more traditional concrete and masonry systems. Suitable for both new build and refurbishment **HTC** offers an environmentally friendly screed to help improve the sustainability criteria of your project. **GYP SOL HTC** is available from any of our manufacturing partners and may be installed by any of their approved installers. It may be used to thinner depths than conventional screeds requiring just 20mm minimum cover to pipes subject to substrate suitability. It is suitable for use with all types of floor covering and offers the ultimate in underfloor heating efficiency and comfort.

## What's special about **GYP SOL HTC**

In addition to all of the usual benefits available with **GYP SOL** screeds<sup>[1]</sup> **HTC** offers

- Designed specifically for use with underfloor heating/cooling systems
  - Suitable for both warm water and electric underfloor heating
- High Thermal Conductivity
 

Independent tests achieved	2.5W/mK <sup>[2]</sup>
For UK calculations use	2.3W/mK <sup>[3]</sup>

  - Reduced Depth
    - Minimum 20mm cover required to underfloor heating conduits <sup>[4]</sup>
- High Strength
 

Minimum	Ca-C30-F5
Typical	Ca-C35-F7
- Complete versatility of design
  - Suitable for all types of underfloor heating pipe or cable
  - Can be installed by any approved Gypsol installer <sup>[5]</sup>
- Better heating performance
  - Complete pipe encapsulation allows easy heat transfer
  - Suitable for any heating system and pipe size
- Low flow temperatures
  - Reduced energy consumption and CO<sub>2</sub> emissions
  - Reduced heating costs
- Low thermal inertia an rapid response
  - Heats up quickly and cools quickly allowing greater system control
  - Improved comfort level and reduced thermal "overshoot"



[1] See "Why Choose Us" Data sheet    [2] Tested to ASTM 1530 by Warwick University using normative sample.    [3] Allows for testing tolerances    [4] Some cosmetic pipe mapping may be observed    [5] For approved installers contact your local Gypsol technical and specification manager on 01928 574574



