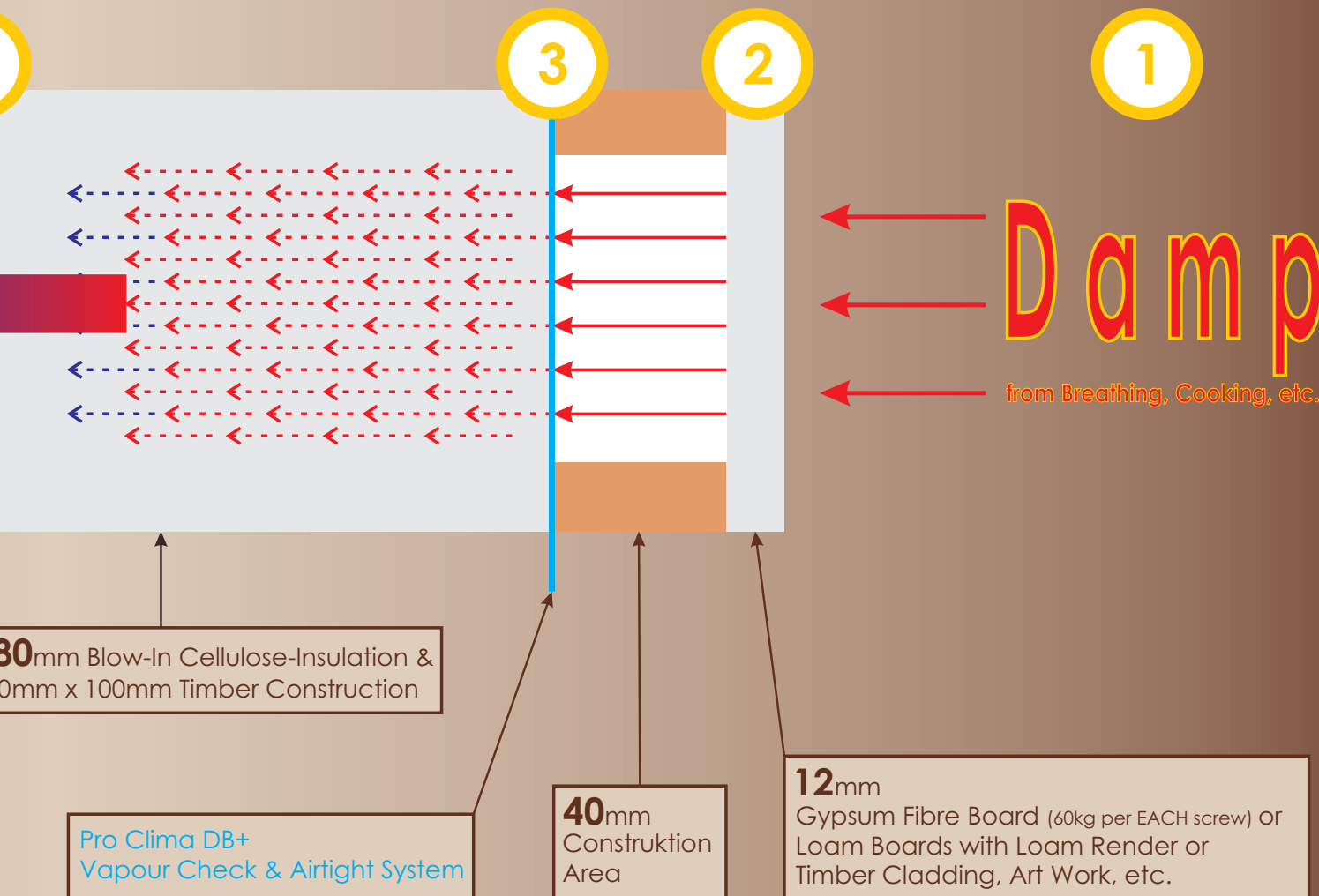


BREATHABILITY



Brilliant Nature

- natural brilliancy

- 1** together is **pressing** (Damp Pressure) from inside to the exterior walls, ceiling & roof. Expertly processed gypsum fibre boards and so on are working as a small Vapor-Brake (NO barrier!).
- 2** The **Damp** is going into construction area slowly and **passing** the **Vapor Membrane** (& Airtight System/NO damp barrier) at a **wide area** very smoothly/**softly**. The damp, still "pushed" by the **damp-pressure**, is going through the compact (NON space building) cellulose insulation.
- 3** **Imagine!** For example in **cold times**, **from inside to outside**, the **insulation** is getting **more cold**. At a special point (area) it is **cold enough**, that **moisture** inside the damp is **condensing**. This point is called "Dew-Point"!

Imagine!

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TAKE CARE for your Life & Health!

With **insulation**, **based on space**, like **wools** out of mineral, glas, sheep hair, wood, hamp, etc. **BIG problems** happened, because in space-area **Micro-Drops** appear and causing **MOULD** (Allergies, Cancer, etc.) and **structural damages**.

Inside of **high compressed cellulose** insulation, there is **NO space** for Micro-Drops! The **Humidity** is **absorbed** by the cellulose.

- 5** **Permanent Circulation** of air in **ventilation area** is causing **permanent underpressure** at the **surface** of soft wood fibre boards. (The surface of this boards is very rough. If it would be "rolled out" 1m2 has maybe 10-20m2 true surface. A house with 120m2 living area has a **breath-able** surface of **1,000-10,000 square meter!**)
- 6** This **large-underpressure-area** interacting with **capillary-effect** of compact cellulose and soft wood fibre boards, is "**pulling**" the **moisture** from Dew-Point to **outside**. **Bigger** difference of temperature is causing **stronger** effect. **Similar the roof**.