

Hy-Rib® Sacrificial Expanded Metal Formwork allows concrete slurry to flow through the keyjoint, ensuring aggregate interlock. **Hy-Rib®** is primarily used in construction joint applications but is also usable in wall, beam, column and soffit slab constructions, where the formed surface will not be seen.

Hy-Rib® Sacrificial Expanded Metal Formwork greatly reduces surface preparation. When concrete is poured behind it, the angled tabs of the mesh become embedded producing a mechanical bond.

Using **Hy-Rib®**, subsequent joints are stronger than with a conventionally prepared joint and tests have confirmed well compacted concrete to both sides of the **Hy-Rib®** joint.

Whether double faced, single faced, curved, lost formwork or underwater, **Hy-Rib®** gives considerable performance advantages, safety benefits (reduction of hand and arm injuries) and economic compensations over traditional formwork and joints.



Greatly reduces surface preparation

Key Benefits

Hy-Rib® reduces the pore water pressure in the design concrete pressure normally associated with conventional stop end materials.

Hy-Rib® is left in place and forms an ideal surface for subsequent concrete.

Therefore, scabbling of the face is not necessary, thus limiting joint preparation so that reinforcement fixing continues efficiently.

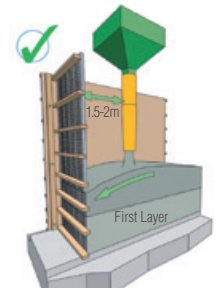
Can either be placed before or after the reinforcement is fixed.

Edge design allows for tight nesting of adjacent sheets.

IDEAL material as a standby to form any shape of contingency stop end. Its benefit being that construction can immediately be resumed, making striking unnecessary.

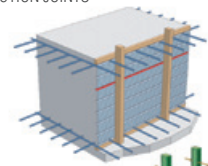
- › High durability surface layer
- › Successfully used in water retaining structures
- › Significant reduction in formwork pressure
- › More economic formwork design
- › Reduces risk of Hand Arm Vibration Syndrome associated with construction joint preparation
- › Light weight for manual handling – labour saving
- › Less overall support system
- › Rise rate increased
- › Performance with all concrete types

Allows the progress of the pour to be visually monitored, thus reducing the risk of voids and honeycombing

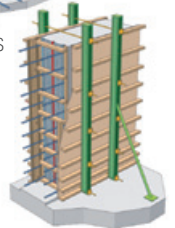


SLAB CONSTRUCTION JOINTS

Can be effectively used horizontally or vertically



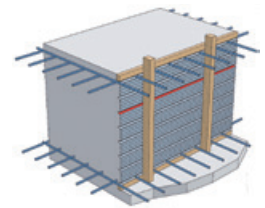
WALL CONSTRUCTION JOINTS



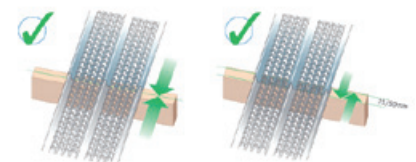
Hy-Rib® joint stronger in shear and flexure compared to traditionally prepared joint surface



Engineered material with known structural properties



Less material wastage and reduce cutting with narrow width product



Flexible in one direction – for shaping

