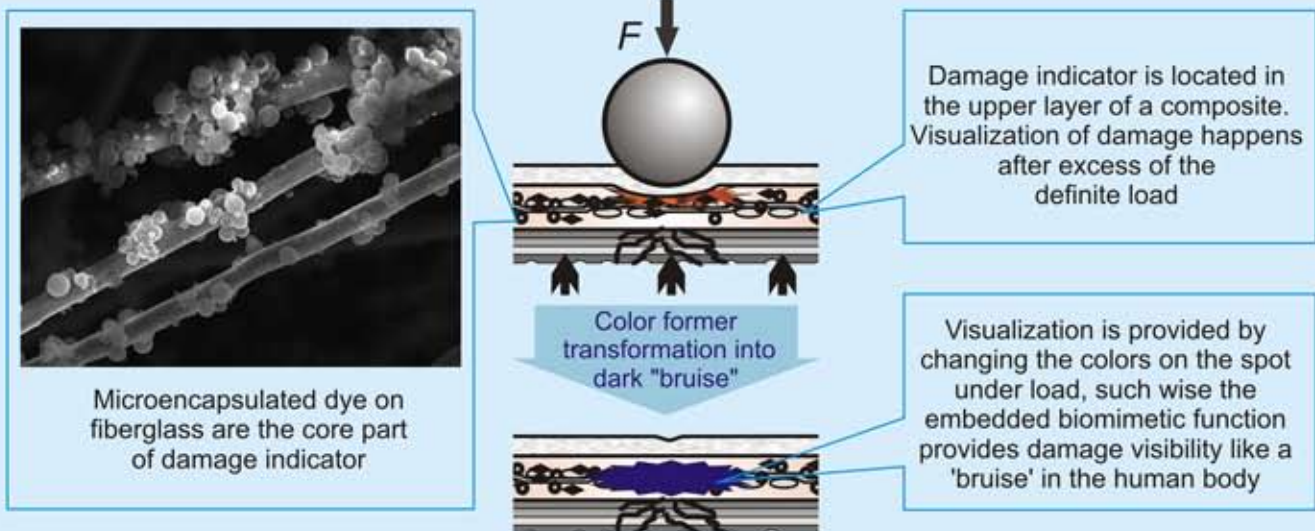




Self-monitoring reinforced composites: DAMAGE VISUALIZATION

Fibre reinforced composites with damage visualization capability - the optimal way to implement a structural health monitoring

Glass fibre reinforced epoxy composite + damage indicator =
self-monitoring FRC with improved visual response to impact damage



Use of FRC with improved visual response to impact damage guaranties visual response appearance after specific load and gives opportunity timely replace the damaged part

Indentation pressure vs. thickness of protective layer coating
at the lower threshold of damage indicator sensitivity

