

# Repair and restoration preparation at up to 3500 bar

To successfully recondition the surface of any structure thorough preparation is essential. Hammelmann Ultra High Pressure pumps and blasting systems produce optimal results on stone, concrete and metallic surfaces.



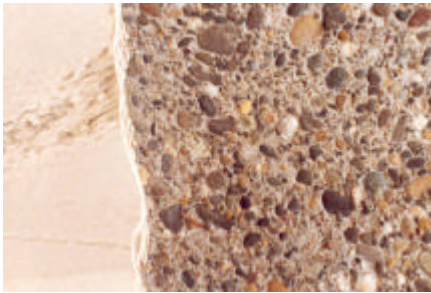
- Removes dirt, oils, greases, adhesion inhibitors, natural growths etc.
- Removes all types of coatings e.g. paints, road lining (striping), bitumen, bonding adhesives etc.
- Cuts out grouting and pointing
- Strips off mastics and other sealing /membrane compounds

- Will selectively strip layered material such as damaged rendering, plaster and asphalt
- Can cut undamaged concrete
- An efficient method of removing hardened slurry from newly cast concrete

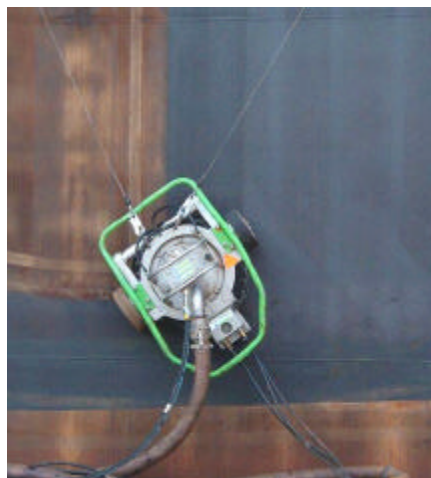
- Can expose and clean concrete reinforcing bars.
- Cuts access to pre stressing wires
- Blast out cavities and pores
- Exposes bridge deck and parapet expansion joints



# Renovation with high pressure water



- Totally removes any coating
- Roughens and cleans healthy parent material ready to accept new coating
- Has no vibration or hammer effect, hence no cracks or fresh damage caused.
- Abrasive free operation so no disposal problems
- Controlled collection of waste and waste water with vacuum assisted surface cleaning
- No window screens or expensive shrouds necessary
- Does not introduce thermal or chemical pollution. Dust is dampened down removing the risk of silicosis.



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