



Peka Chemie

Peka Chemie Industrial Co was established in March 1996 in a bid to produce various types of industrial Powder coatings. It accomplished the study and design phases for the production of electrostatic powder coatings in 1996 and 1997 and the procurement and the installation of plant machinery and equipment in 1998. Peka Chemie successfully achieved production in 1999, the company started mass producing in mid2000-.

Owing to its versatile production plants and state-of-the-art technologies, Peka Chemie is now one of the leading manufacturers of decorative and industrial powder coatings in the region and the stand-alone producer of Fusion Bonded Epoxy (FBE) in the Iran.

Potentialities

Production of more than 800 types of products up until now

Manufacturing products in keeping with K7 standards

Manufacturing customized products

Capability to manufacture under a vast range of output volume with 12 units of production line and a total output capacity of over 14000 tons per single shift per year.

Producing 18 different types of products simultaneously with special designs.

Availability of an advanced, well-equipped and self-sufficient laboratory for conducting any tests required as well as conduction of research and prototyping activities.

Our laboratory is certified by the Iranian Standards Organisation in keeping with ISO 17025 Certificate.

Having at our disposal a wide range of software/hardware facilities to provide technical and training services for our customers within the framework of periodical visits, seminars and workshops.

Peka-Pro

Peka-Pro trade mark is a series of fusion bonded epoxy products from PEKA CHEMIE that impart excellent corrosion and cathodic disbondment resistances along with outstanding mechanical performance on steel pipelines and reinforced steel bars even in the severe operating condition.

The portfolio of Peka-Pro products includes:

- Peka-Pro SL (single layer FBE)
- Peka-Pro DL (Dual Layer FBE)
- Peka-Pro Pr (Primer for three layer and dual layer system)
- Peka-Pro Re (Rebar Coating)
- Peka-Pro IPC (Internal Pipe Coating for Potable Water)
- Peka-Pro HT (High Temperature FBE)



Peka-Pro DL

(Dual Layer FBE)

Dual layer FBE was introduced to the market in 1999 as an alternative to multi-layer system for directional drilling applications. In the dual layer FBE system two stand-alone FBE are applied one after another on steel pipelines in order to protect steel pipelines from corrosion, cathodic disbondment and mechanical damages arising from laying, handling, backfill and horizontal drilling. Two FBE coated result in much better properties than individual FBE.

Peka-Pro DL as a top coat and Peka-Pro Pr as a primer together show outstanding cathodic disbondment resistance and mechanical performance simultaneously in severe operating condition.

Peka-Pro DL from PEKA CHEMIE includes 4 systems according to required application:

Peka-Pro DL -AR (Dual Layer Abrasion resistance System)

Peka-Pro DL -AS (Dual Layer Anti-Slip System)

Peka-Pro DL -UV (Dual Layer UV resistance System)

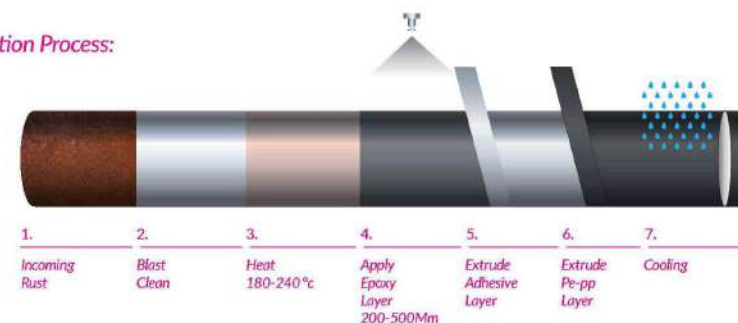
Peka-Pro DL -UF (Dual Layer Ultra Flexible System)

Peka-Pro Pr

(Primer for 3 layers and dual layer system)

This system has excellent cathodic disbondment resistance, high resistance to chemical attack and outstanding mechanical performance. Peka-Pro Pr has wide application window and also used as a primer for dual layer system. Peka-Pro Pr meets IGS-C-TP010- and CSA Z245.21 and Aramco -09SAMSS089- requirements.

Application Process:





Peka-Pro IPC

(Internal Pipe Coating for Potable Water)

Peka-Pro IPC has been used as an internal lining system for potable water pipelines. For any pipeline internal lining application, the coating must be able to withstand the constant flow of liquid and any particulates. In addition, this pure epoxy coating was designed for corrosion protection of water transportation pipe systems.

The PEKA CHEMIE gets approval certificates to meet the requirements of TZW and Bodycote international Regulations for Potable Water Service. Also Peka-Pro IPC Meets the requirements of AWWA standard C213, and BS 6920 listed under WRAS (Cold & Hot water use up to 85 °C).

High Operating Temperature FBE

Peka-Pro HT

Peka Chemie has introduced a new Fusion Bonded Epoxy (FBE) technology Peka-Pro HT120 and Peka-Pro HT140. Peka-Pro HT protects oil and gas pipelines against corrosion while they operate at high temperatures.

Peka-Pro HT120 and Peka-Pro HT140 products are a one-part, heat curable thermosetting epoxy powder designed as a stand-alone or as the corrosion coating for a dual layer FBE and multilayer polyolefin system for the corrosion protection of pipe. These new FBE coatings have excellent thermal properties that protect natural gas and crude oil pipes against corrosion.

Peka-Pro HT120 and Peka-Pro HT140 can operate up to 115°C and 135°C respectively as a stand-alone coatings.

